Installation Guide

magicolor® 6100

This document provides quick installation information for the *magicolor* 6100. For further information, refer to the *Operation* manual (in hardcopy and CD).

A. Location Requirements

N, EN, GN models

20 inches (50 cm)
8 inches (20 cm)
28 inches (70 cm)
Front
4 inches (10 cm)

DP model

20 inches (50 cm)
28 inches (70 cm)
28 inches (70 cm)
Front
4 inches (10 cm)

» **Note:** *Allow enough space around the printer to allow adequate ventilation and easy servicing.*

◆ **Caution:** *For best output quality and longest consumables life, install the printer on a hard, flat, level (within 1.5°) surface capable of supporting about 119 lbs (54 kg).*

B. Unpacking the Printer

🖉 **WARNING!** *The printer weighs about 119 lbs (54 kg). Don't lift it by yourself.*

ACHTUNG! *Der Drucker wiegt ca 54 kg; bitte versuchen Sie niemals, das Gerät alleine anzuheben oder zu tragen.*

1

Carrying Grips

Unpack the printer by cutting the straps and lifting off the outer box.

» **Note:** *Save the packing material for possible repacking.*

Remove the protective plastic covering the printer.

With another person's help, lift the printer from the base tray, and place it in its permanent location.

When lifting and carrying the printer, use the carrying grips on the bottom sides.

2

Check the shipment contents; if any items are missing or damaged, contact your shipping company or your local vendor.
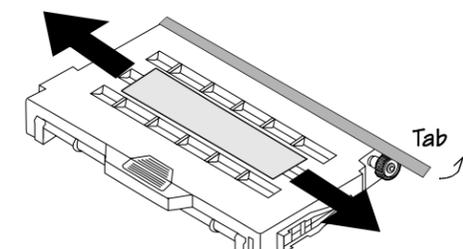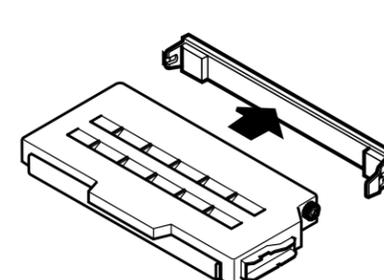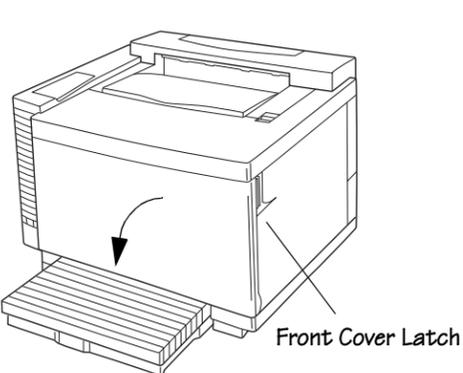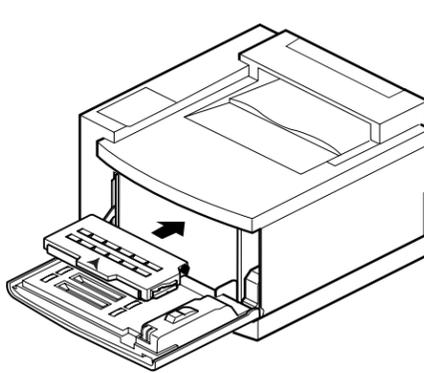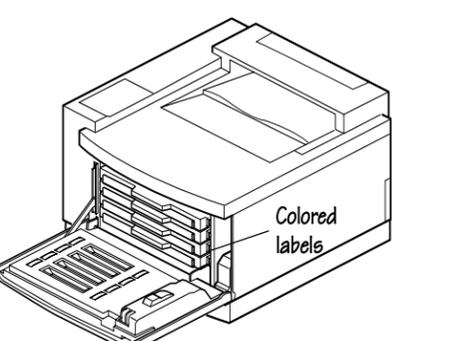
• Printer
• 250-sheet universal media cassette
• Envelope tray adapter
• Consumables starter kit (4 starter toner cartridges, OPC belt cartridge, fuser oil bottle, cleaning roller and oil removal syringe) 🎥
• Power cord
• *magicolor 6100 Installation Guide* (this handout)*, magicolor 6100 Operation* manual, *Connecting Your QMS Print System* manual*, magicolor 6100 Documentation* CD-ROM and *QMS Software Utilities* CD-ROM
• Warranty and registration card

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

Use a properly grounded AC outlet with a line voltage of 100 V, 120 V, or 220–240 V, ±10%. The maximum electrical current required during operation is 13 amps for a 100 V system, 11 amps for 120 V, and 6 amps for 220–240 V, and the recommended frequency is 50–60 Hz ±2 Hz for a 100 V system, 60 Hz ±2 Hz for a 120 V system, and 50 Hz ±2 Hz for a 220–240 V system.
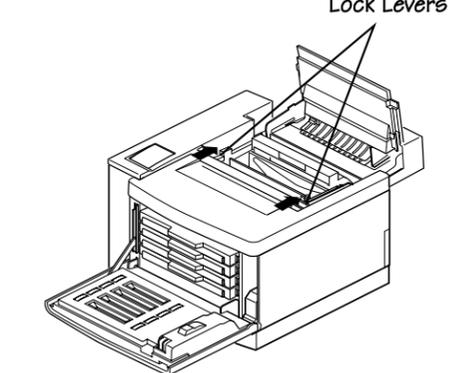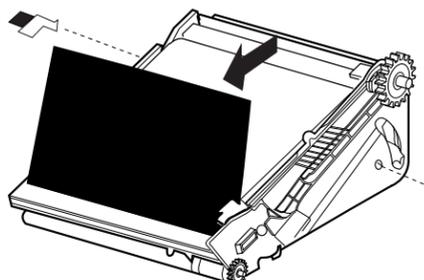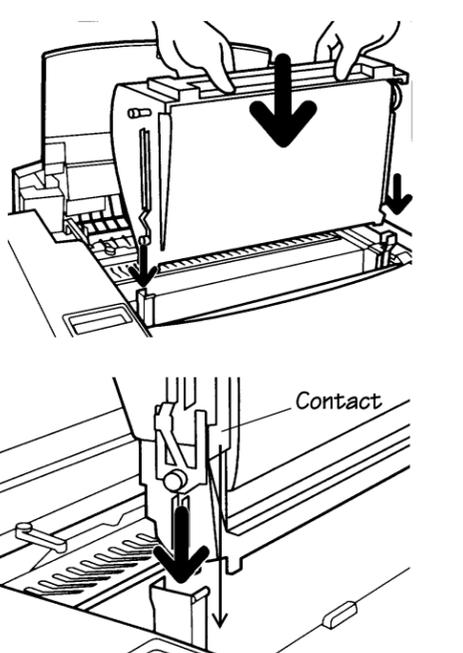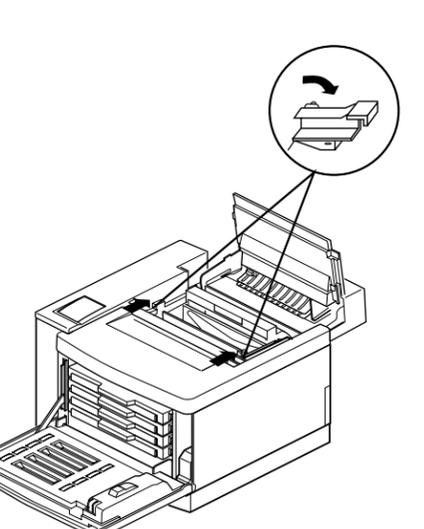
» **Note:** *Installation steps containing the* 🎥 *symbol are viewable as QuickTime video clips in the Adobe Acrobat PDF version of this guide found on the magicolor 6100 Documentation CD-ROM.*
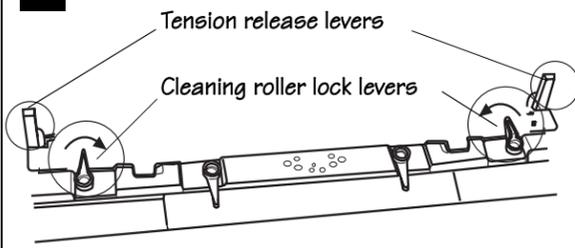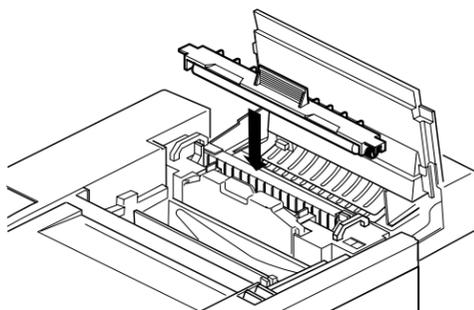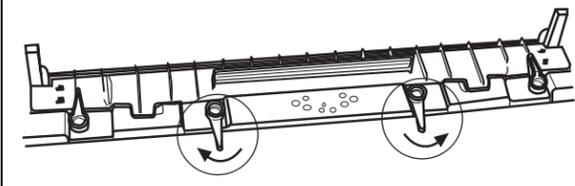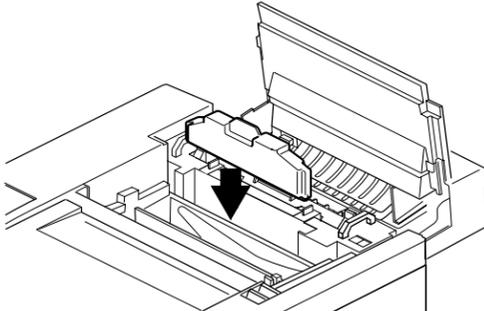
C. Installing the Toner Cartridges 🎥

1

Remove the toner cartridges from their shipping cartons.

Holding a cartridge with both hands, gently rock it five or six times horizontally.

Pull the tab to remove the tape.

Tab

◆ **Caution:** *Do not hold the toner cartridge vertically.*

2

Remove the orange protective cover from each cartridge.

3

Press the front cover latch on the upper-right side of the printer and open the printer's front cover.

Front Cover Latch

4

Align the toner cartridge with the cartridge guides. Gently push the cartridge into the printer.

5

Colored labels

◆ **Caution:** *Each toner cartridge has a colored label that corresponds to a colored label to the right of the cartridge slots. Always install the toner cartridge in the slot with a label of the same color.*

Install the other toner cartridges.

» **Note:** *Leave the printer's front cover in the open position while installing the OPC Belt Cartridge as described in the next section.*

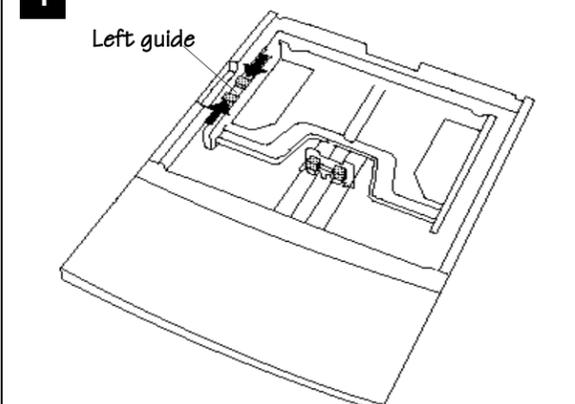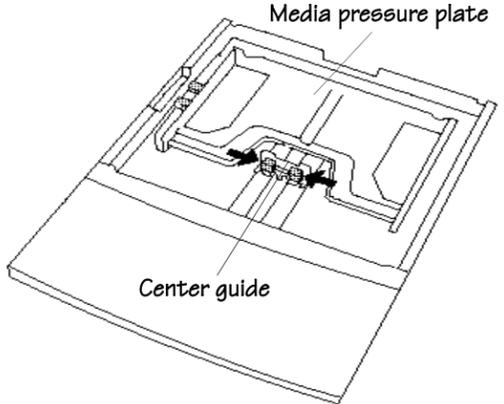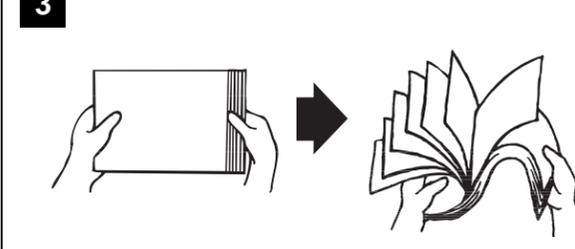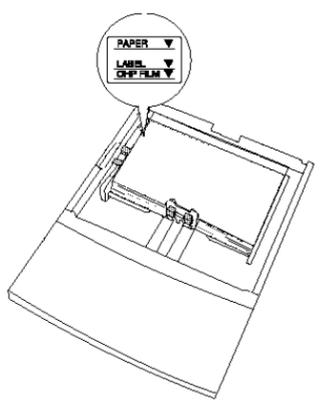## D. Installing the OPC Belt Cartridge 🎥

◆ **Caution:** *The OPC belt is extremely sensitive to bright light and touch. Always leave it in its protective box until you're ready to install it. Any exposure to light should be limited to less than two minutes or permanent damage could result. Always handle the cartridge by its sides so you don't touch the surface of the belt.*

1

Lock Levers

Rotate up the two lock levers to prepare the opening for the cartridge.

◆ **Caution**: *Make sure the printer's front cover is still open.*

2

Pull out the two tension-release pins (one on each side of the cartridge).

Remove the protective sheet from the cartridge.

» **Note:** *The white powder lubricant on a new OPC belt is normal; it won't affect quality.*

3

Contact

Holding the cartridge above the printer, align the guide pins on the cartridge with the guide slots in the lock levers.

The green surface of the cartridge faces you.

◆ **Caution:** *When lowering the cartridge into the guide slots, the metal contact on the lower left side of the cartridge should be aligned outside of the left guide slot.*

Gently guide the cartridge into the printer.

4

Rotate the two lock levers toward the back of the printer to secure the cartridge in the printer.

E. Installing the Fuser Oil Bottle and Cleaning Roller 🎥

1

Tension release levers

Cleaning roller lock levers

Front of Printer ↓

Open the two cleaning roller lock levers by rotating them toward each other.

Push the two tension release levers toward the rear of the printer.

» **Note:** *The printer is shipped with the tension release levers in the forward position.*

2

Install the cleaning roller in its slot.

Close the two lock levers.

3

Front of Printer ↓

Open the two oil bottle lock levers by rotating them away from each other.

4

Insert the new oil bottle with the nozzle pointed down.

Close the two lock levers.
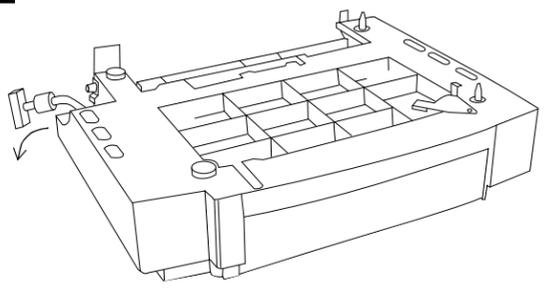
Close the printer's top and front covers.

F. Loading the Media Cassette 🎥

1

Left guide

Unpack the media cassette. Adjust the media guides to fit the size paper you're loading.

Squeeze the retainers at the ends of the left guide, move the guide to the appropriate location (media sizes are listed on the cassette).

Release the retainers.

2

Media pressure plate

Center guide

Squeeze the retainers at the ends of the center guide, and move the guide to the appropriate location.

Release the retainers.

Push the media pressure plate down to lock it in position.

3

Fan a stack of approximately 250 sheets (½ ream) of letter-size paper.

Load the paper.

Caution: *The paper should fit easily between the guides. Make sure the paper corners are not bent.*

4

PAPER ▼
LABEL ▼
OHP FILM ▼

A fill limit mark is provided on the inside left side of the cassette.

◆ **Caution:** *Do not overfill the cassette.*

The paper should face up with its top toward the right of the cassette.

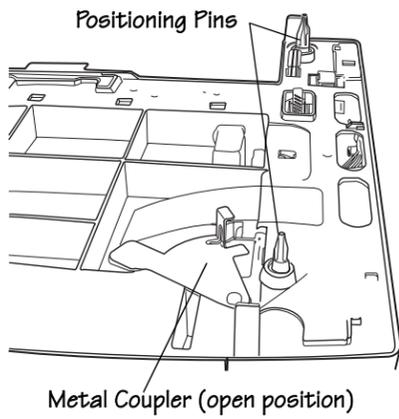Slide the media cassette back into the printer.

G. Installing the Lower Feeder Unit (LFU) 🎥

(Skip to "I. Connecting Interface and Power Cables" if you didn't purchase a lower input feeder or duplex unit.)
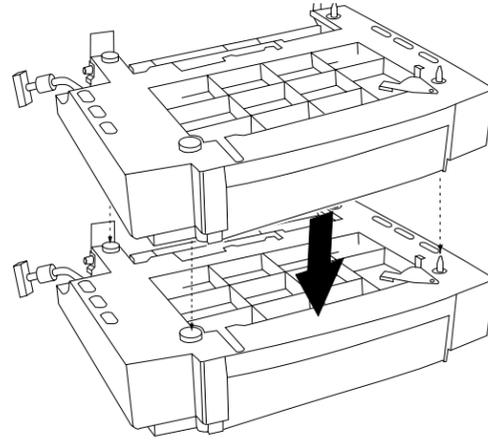
◆ **Caution***: Unplug the printer's AC power cord before performing the following steps.*

1

Check the lower input feeder kit contents:

• Input feeder unit
• Universal media cassette
• One small metal bracket with thumbscrew (attached to LFU)
• Two plastic side covers

Remove the feeder from the shipping carton.

» **Note:** *One or two lower feeder units may be installed on the* magicolor *6100 Print System. The following steps apply to both single and dual LFU kit installations except where noted.*

🖐 **WARNING!** *If consumables are installed, be sure to keep the printer level when moving it to prevent accidental spills.*

ACHTUNG! *Achten Sie bitte darauf, das der Drucker mit eingebauten Tonerkartuschen nur waagerecht transportiert wird.*

2

Move the LFU(s) to a table or flat surface near the printer.

Position the LFU cable connector away from the rear of the LFU.

3

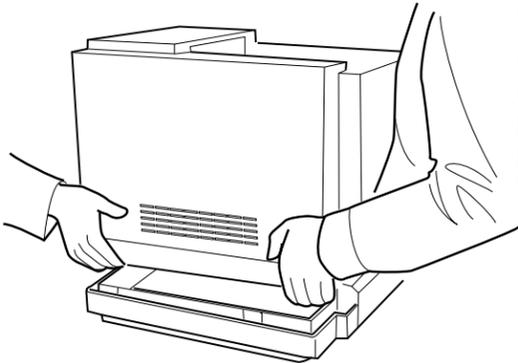Positioning Pins

Metal Coupler (open position)

Locate the front and rear positions of the positioning pins on the LFU, and make sure the metal coupler is in the open position.

For dual LFU installations: After verifying that both metal couplers are in the open position, align the positioning pins and set one LFU on top of the other.
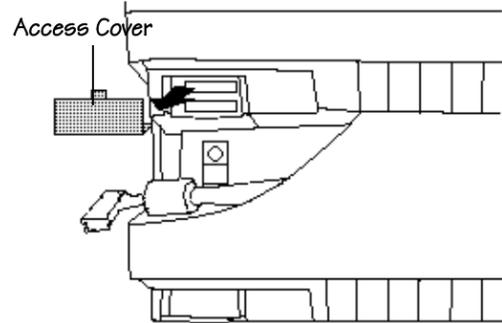
4

Set the printer on top of the input feeder.

Be sure to align the printer and LFU as precisely as possible. Make sure the printer is not tilted on top of the LFU.
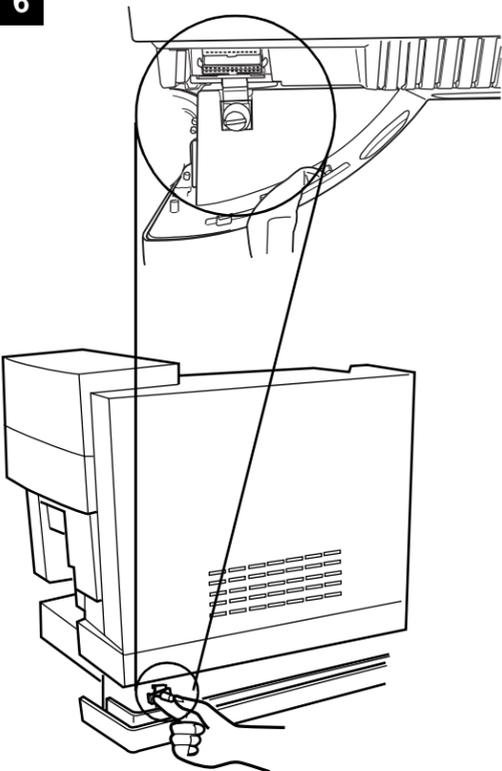
5

Access Cover

Remove the printer's connector access cover from the bottom left side of the printer by sliding the cover down and then out.

The connector access cover is replaced by the left side cover of the LFU.

6

Install the metal bracket underneath the side of the printer just below the connector.
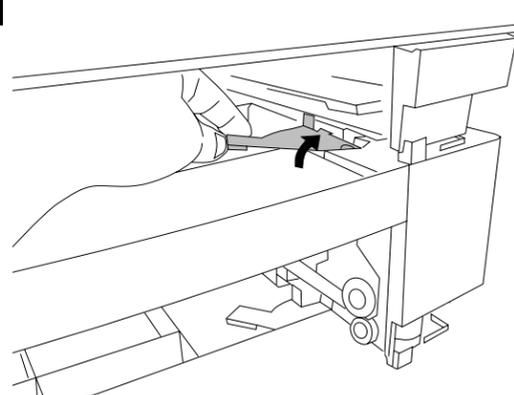
Holding the bracket at a slight angle, slide it up into the hole underneath the printer before setting it to vertical.

Make sure that the hole in the metal bracket is lined up with the corresponding hole on the input feeder.

Tighten the thumbscrew to attach the bracket to the lower input feeder.

For dual LFU installations: After completing the above steps, repeat the bracket installation between the lower and upper LFU.
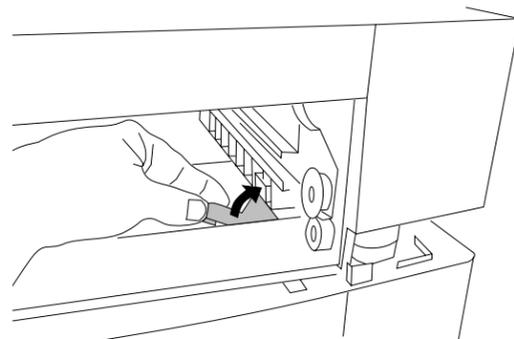
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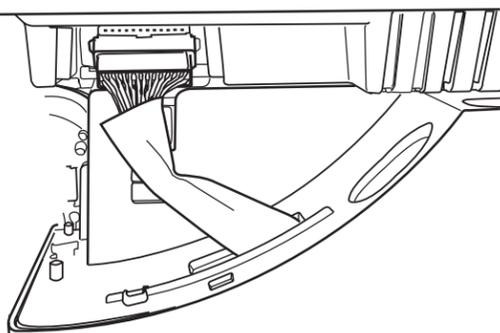Remove the cassette from the printer.

You should be able to see the metal coupler at the front upper-right corner of the printer's cassette slot.

Push the handle of the metal coupler around so the hook is attached to the slot on the printer.

For dual LFU installations: In addition to the above instructions, close the metal coupler inside of the top-most LFU's cassette slot to secure the two LFU's together.
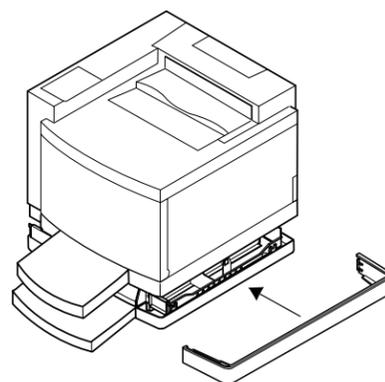
8

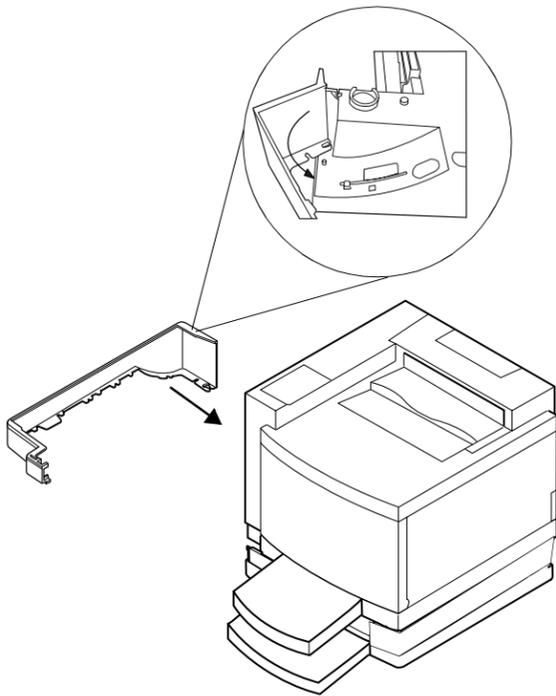Connect the LFU cable to the white printer connector.

For dual LFU installations: Complete the above instructions and connect the lower LFU cable to the upper LFU connector.
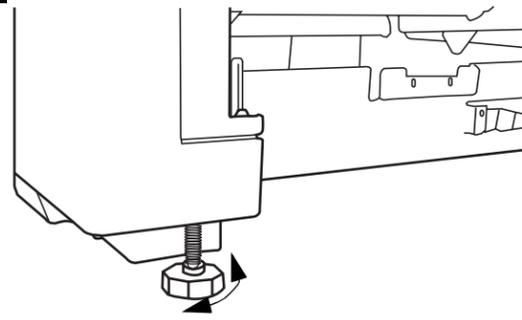
9

Install the right side cover(s).

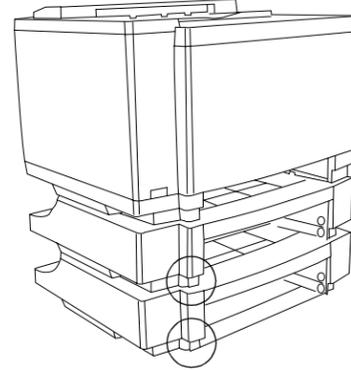|	
10	Install the left side cover(s).
	Attach the rotation slot on the cover to the rotation pin on the LFU.
	Rotate the left side cover to snap it into place on the printer.

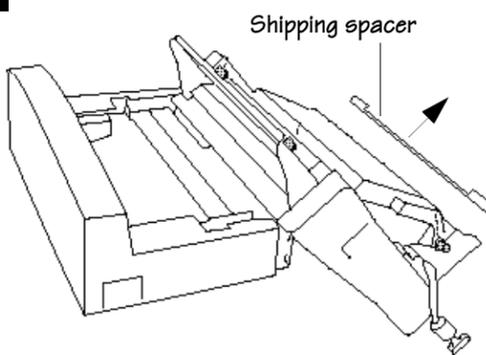|	
11	Adjust the two anchor feet on the right side of the LFU to level the printer.
	For dual LFU installations: Adjust both the upper and lower LFU anchor feet to level the printer.

H. Installing the Duplex Unit

» **Note:** *At least one lower feeder unit must be installed on the printer before the duplexer unit can be installed.*

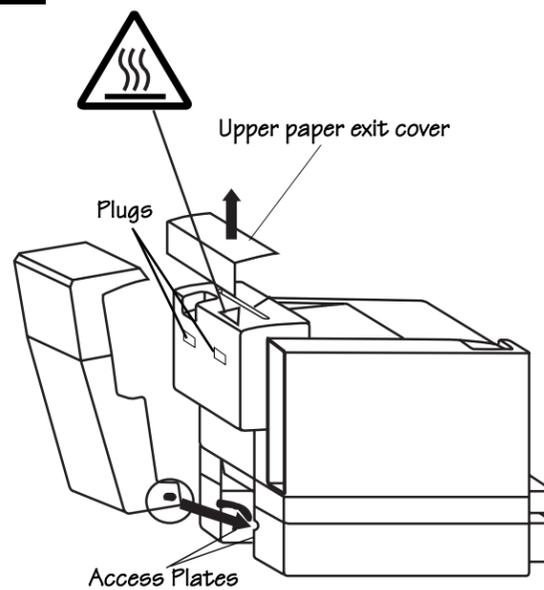◆ **Caution***: Unplug the printer's AC power cord before performing the following steps.*

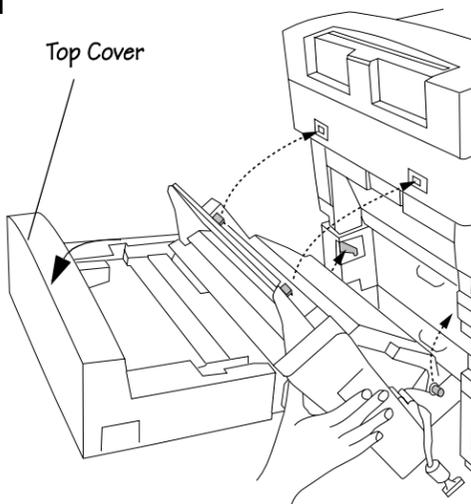|	
1	Remove the duplex unit from its shipping box .
Shipping spacer	Remove the shipping spacer from the bottom of the duplex unit.
	Retain all packaging materials for future storage and shipping use.

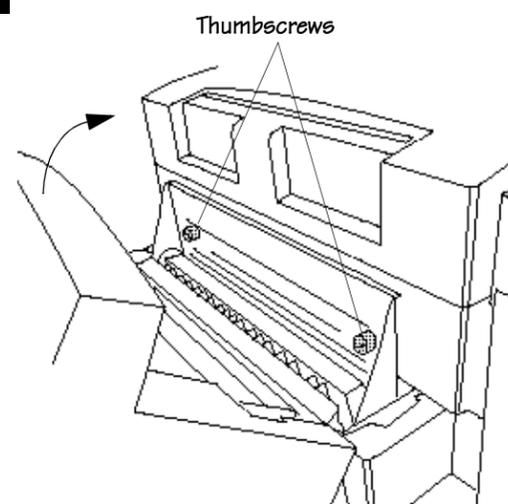|	
2	Remove the upper paper exit cover from the top-rear of the printer.
Upper paper exit cover	Using a flat-bladed screwdriver or small coin, remove the two plugs from the rear of the printer by gently prying outward from the plug slots.
Plugs	Facing the back of the printer, remove the two access plates located on the rear, inside panels of the LFU by sliding them toward you.
Access Plates	

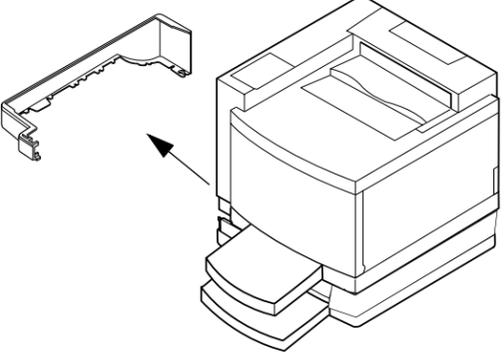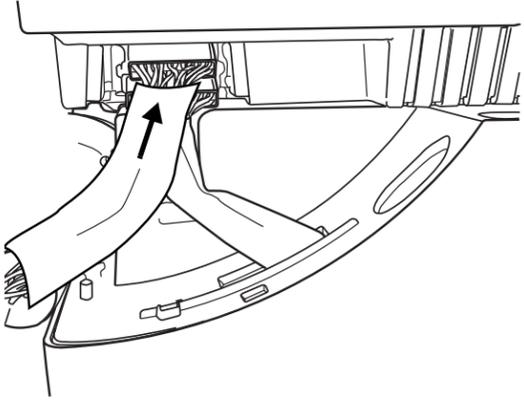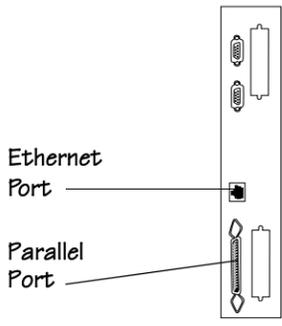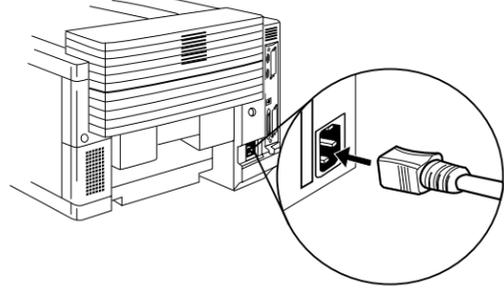|	
3	Open the duplexing unit top cover.
Top Cover	Attach the duplex unit by aligning the pins with the slots located at the lower rear of the LFU.
	Push the top of the duplex unit toward the printer to snap it into place against the rear printer casing.

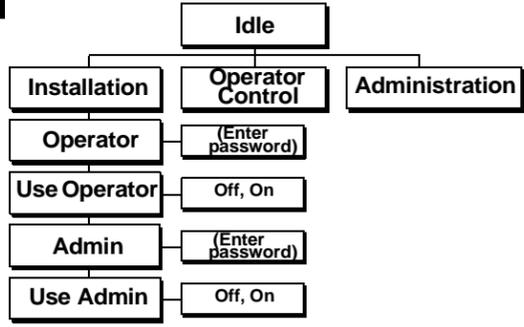|	
4	Fasten the two thumbscrews to lock the duplexing unit into place.
Thumbscrews	Close the duplexing unit top cover.

5 Remove the left side cover from the printer.

6 Connect the duplex unit cable to the black connector at the left rear side of the printer.

Reattach the left side cover.

I. Connecting Interface and Power Cables

1 Refer to the *Connecting Your QMS Print System* manual for instructions on how to connect your printer to a computer or network.

Ethernet Port

Parallel Port

2 Plug the printer into a grounded, surge-protected electrical outlet.

» **Note:** *In compliance with UL guidelines, "The appliance inlet is considered to be the main disconnect device."*

A startup page should print when the printer is turned on.

» **Note:** *The printer requires a brief warmup (typically 3 minutes).*

J. Configuring the Printer

1 See the *Connecting Your QMS Print System* manual for instructions on installing the QMS printer driver.

Use the on line help to configure the driver for printing.

2 See the *magicolor* 6100 *Operation* manual for further instructions on advanced printer configuration through the control panel menus.

Idle

Installation	Operator Control	Administration
Operator	(Enter password)	
Use Operator	Off, On	
Admin	(Enter password)	
Use Admin	Off, On	

Registering the Printer

Internet—Visit the QMS Product Registration page on the Internet at http://www.qms.com/support/prodreg/.

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

Further Assistance

Refer to one of the following:

* *magicolor* 6100 *Operation* manual.
* Appendix A, "QMS Customer Support," in any *magicolor* Print System manual.