

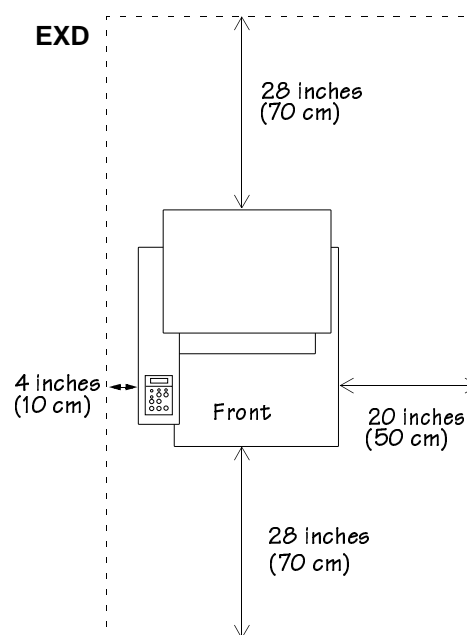
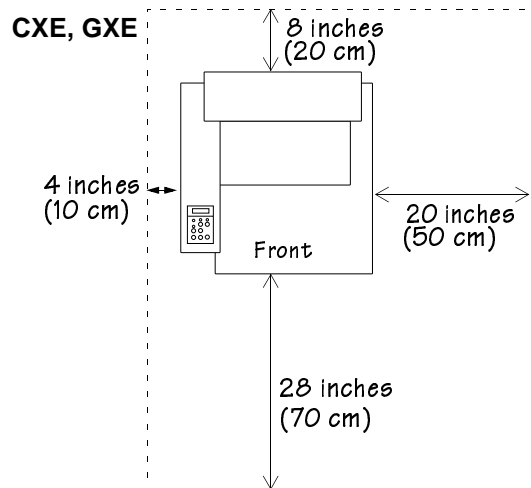
# Installation Guide



## QMS<sup>®</sup> magicolor<sup>®</sup> 2+ Print System

This document provides quick installation information for the QMS *magicolor* 2+. For further information, refer to the *Operation* manual (in hardcopy and CD-ROM).

### A. Location Requirements



» **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 110 lbs (50 kg) for the CXE, GXE models or 126 lbs (57.1 kg) for the EXD model. A surface can be tested for levelness with a standard round pencil. If the pencil rolls, the surface is not level. Clear the area of any obstruction or items such as cables that might prevent the printer from sitting directly on the flat, level surface.

### B. Unpacking the Printer

● **WARNING!** The printer weighs about 66 lbs (30 kg). Don't lift it by yourself.

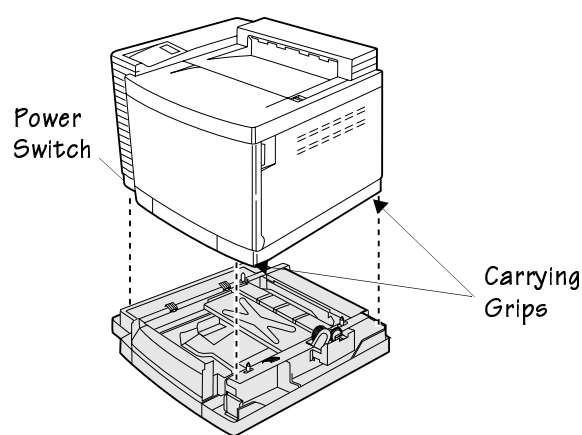
**ACHTUNG!** Der Drucker wiegt ca 30 kg; bitte versuchen Sie niemals, das Gerät alleine anzuheben oder zu tragen.

● **WARNING!** The printer plus duplexer weighs about 93 lbs (42 kg). Don't lift it by yourself.

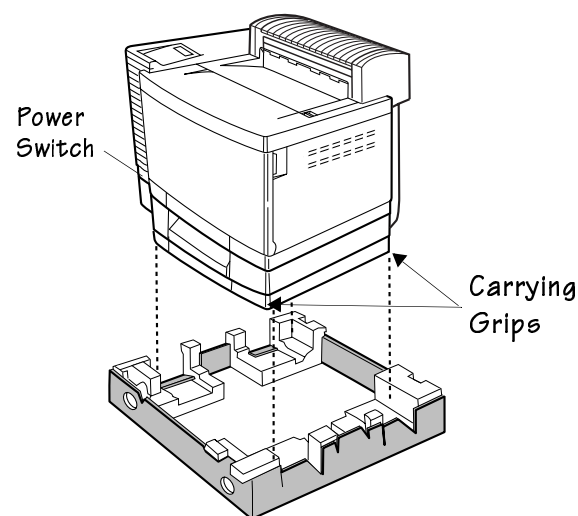
**ACHTUNG!** Der Drucker und Duplexer wiegt ca 42 kg; bitte versuchen Sie niemals, das Gerät alleine anzuheben oder zu tragen.

1

CXE, GXE



EXD (Duplex Model)



Unpack the printer by unstrapping the outer box. If necessary, unlock and remove any plastic fasteners. Lift off the 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.

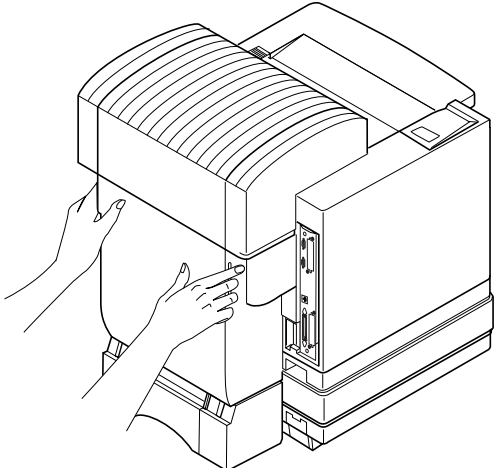
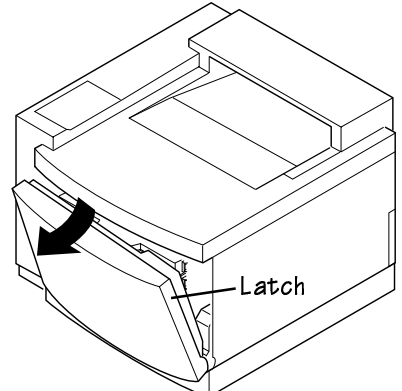
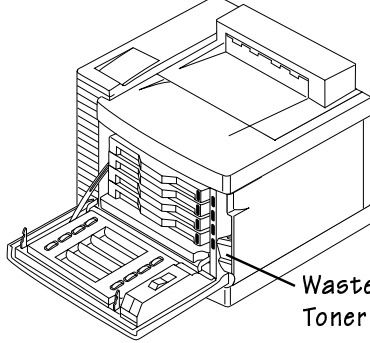
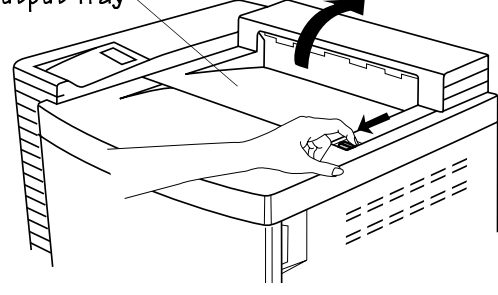
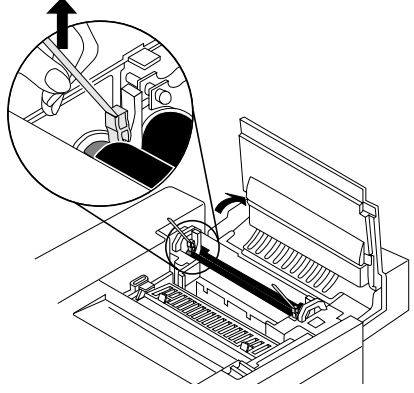
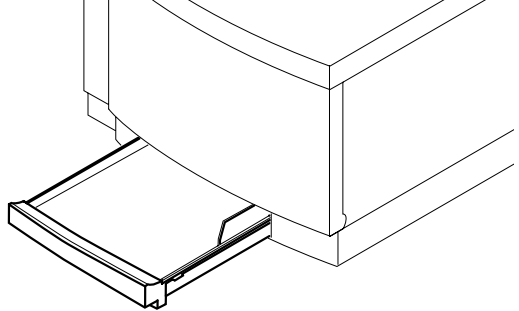
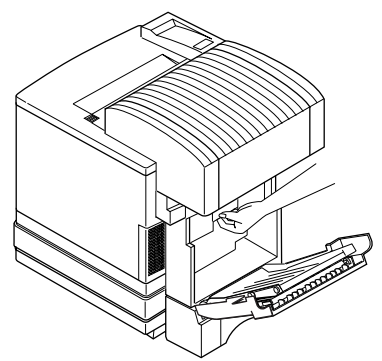
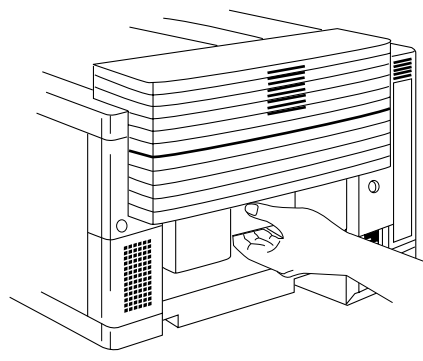
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Check the shipment contents; if any items are missing or damaged, contact your shipping company or your local vendor:

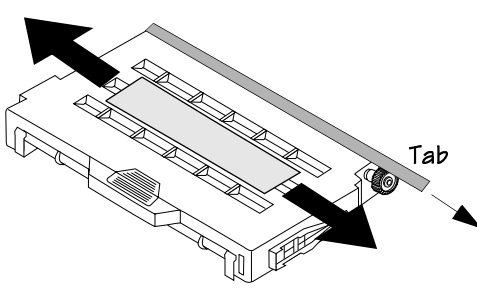
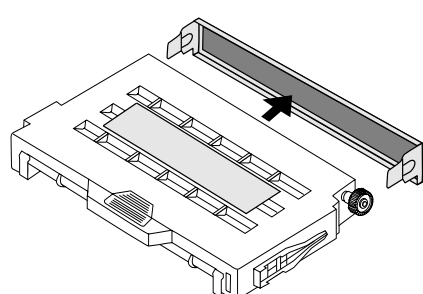
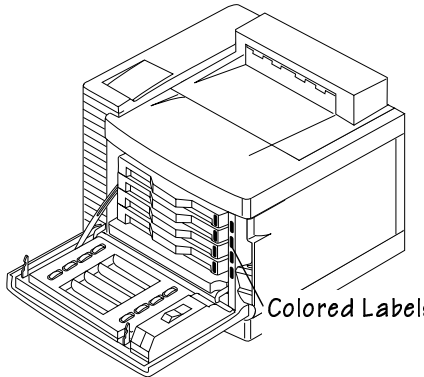
- Printer (the lower input feeder is standard on the EXD model)
- 250-sheet letter/A4 standard media cassette
- Consumables starter kit (4 starter toner cartridges, OPC belt cartridge, fuser oil bottle/cleaning roller/oil removal syringe)
- Power cord
- 2 media labels
- QMS *magicolor* 2+ *Installation Guide* (this guide), QMS *magicolor* 2+ *Operation* manual, *Connecting Your QMS Print System* manual, and the QMS *magicolor* 2+ *Documentation* and *Software Utilities* CD-ROMs
- 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,  $\pm 10\%$ , a maximum electrical current required during operation is 10 amps for a 100 V system, 8.3 amps for 120 V, and 4.5 amps for 220–240 V, and a recommended frequency is 50–60 Hz  $\pm 2$  Hz for a 100 V system, 60 Hz  $\pm 2$  Hz for a 120 V system, and 50 Hz  $\pm 2$  Hz for a 220–240 V system.

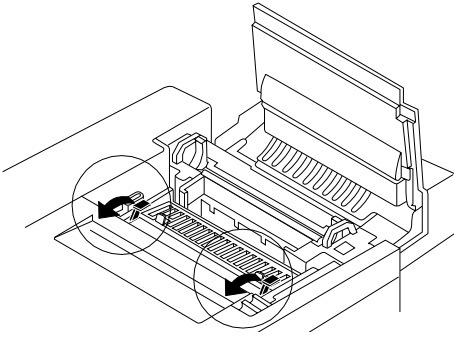
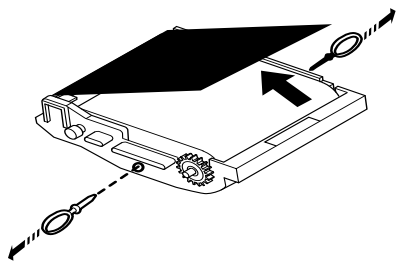
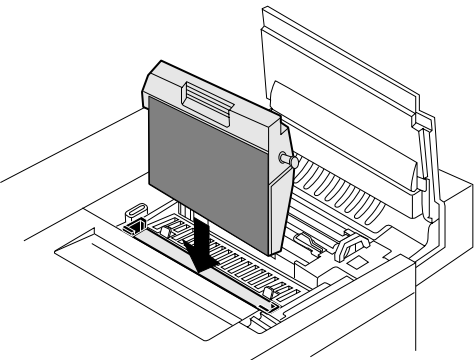
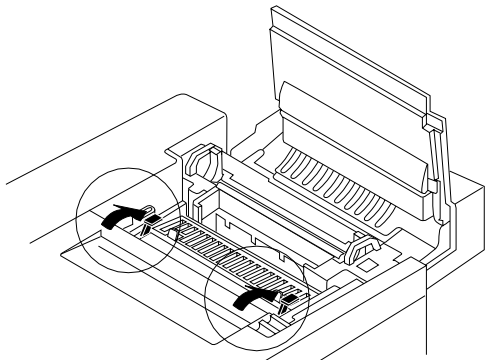
<p><b>3</b></p> 	<p>If you have a duplex model, remove any tape securing the duplexer's rear cover. If not, skip to step 4.</p> <p>Open the duplexer's rear cover.</p> <p>◆ <b>Caution:</b> <i>Open the duplexer's rear cover before opening the top of the printer. Forced opening of the printer's top cover first may damage the unit.</i></p> <p>Remove the packing materials and tape inside the duplexer.</p>	<p><b>4</b></p>  <p>Remove any tape securing the top and front covers.</p> <p>Squeeze the latch near the upper-right corner of the front cover to open the printer's front cover.</p> <p>◆ <b>Caution:</b> <i>This is necessary as it makes room for the OPC belt cartridge. You could damage the OPC belt if you don't do this.</i></p> <p>» <b>Note:</b> <i>The following illustrations show the printer without the duplexer. However, the instructions are the same for both models.</i></p>	
<p><b>5</b></p>  <p>Remove any packing material from the printer's waste toner pack.</p> <p>◆ <b>Caution:</b> <i>Remove the waste toner pack once and reinstall it to ensure that it has not become dislodged during transportation.</i></p>	<p><b>6</b></p>  <p>Printer's Top Cover/ Output Tray</p> <p>Pull the latch to release the and open the printer's top cover.</p> <p>Remove any packing materials and tape inside the printer.</p>	<p><b>7</b></p>  <p>◆ <b>Caution:</b> <i>Remove the two shipping spacers from between the fuser rollers.</i></p>	<p><b>8</b></p>  <p>Open the media cassette(s) and remove any packing material.</p> <p>Close the media cassette(s).</p>
<p><b>9</b></p>  <p>If you have a duplex model, reach inside the duplexer's rear cover to access the printer's rear cover.</p>	<p><b>10</b></p>  <p>Pull the handle on the printer's rear cover to open it, and remove any packing material.</p> <p>Close the printer's rear cover.</p> <p>If you have a duplex model, keep the duplexer's rear cover open until you have completed step E4.</p>		

### C. Installing the Toner Cartridges

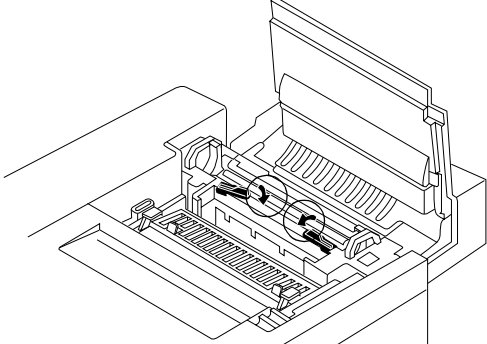
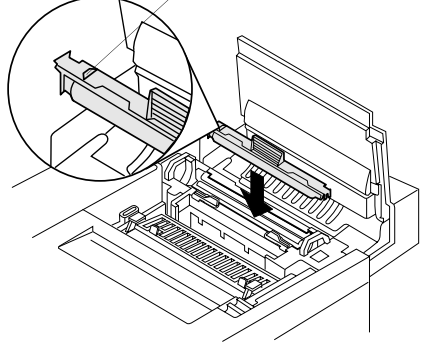
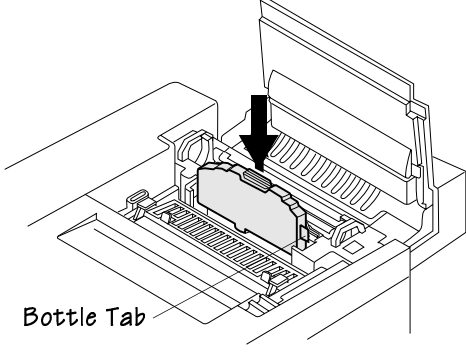
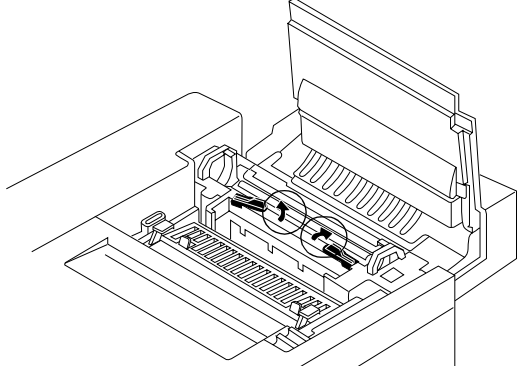
<p><b>1</b></p>  <p>Remove the toner cartridges from their shipping cartons.</p> <p>Holding a cartridge with both hands, gently rock it five or six times horizontally.</p> <p>Pull the tab to remove the tape.</p> <p>◆ <b>Caution:</b> <i>Do not hold the toner cartridge vertically.</i></p>	<p><b>2</b></p>  <p>Remove the orange protective cover from each cartridge.</p> <p>Align the toner cartridge with the cartridge guides, and gently push the cartridge into the printer until you begin to feel resistance. Then pull the cartridge back approximately 1/4 inch.</p>	<p><b>3</b></p>  <p>◆ <b>Caution:</b> <i>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.</i></p> <p>Install the other toner cartridges.</p>
<p>◆ <b>Caution:</b> <i>Don't push the toner cartridge in until you hear a click or force it. If you hear a click, you've locked it into place incorrectly. Pull the toner cartridge out so that it's firmly seated but not locked into place.</i></p> <p><i>While the cartridges may appear not to be fully inserted, closing the front cover will guide them to their final position.</i></p>		<p>Colored Labels</p>

## D. Installing the OPC Belt Cartridge

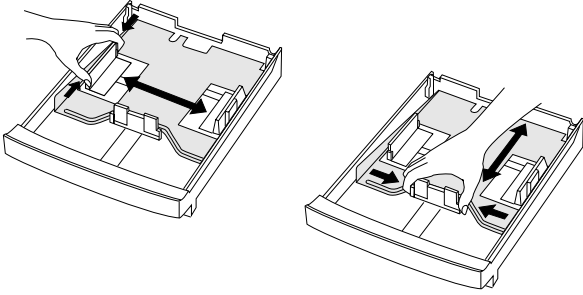
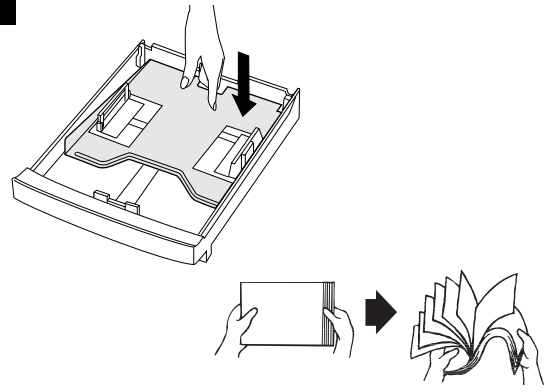
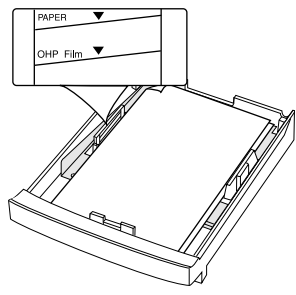
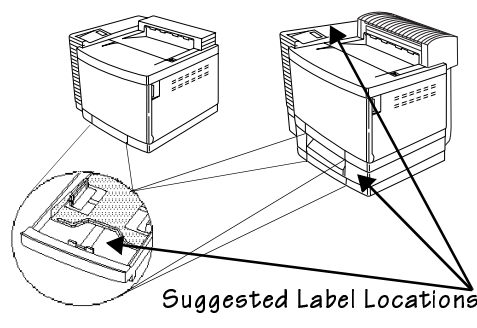
◆ **Caution:** The OPC belt is extremely sensitive to bright light and touch. Always leave it in its protective bag until you are ready to install it. Any exposure to light should be limited to less than two minutes or permanent damage could result. Always handle the cartridge so you don't touch the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

<p><b>1</b></p> 	<p>Rotate up the two green lock levers to prepare the opening for the cartridge.</p> <p>◆ <b>Caution:</b> Make sure the printer's front cover is still open. This makes room for the OPC belt cartridge.</p>	<p><b>2</b></p>  <p>Pull out the two tension-release pins (one on each side of the cartridge). Remove the protective sheet from the cartridge.</p> <p>» <b>Note:</b> The white powder lubricant on a new OPC belt is normal; it won't affect quality.</p>
<p><b>3</b></p> 	<p>Holding the cartridge above the printer, align the guide pins on the cartridge with the guide slots in the green lock levers.</p> <p>The gear on the cartridge goes to the right, and the green surface of the cartridge faces you.</p> <p>Gently guide the cartridge into the printer.</p>	<p><b>4</b></p>  <p>Rotate the two green lock levers to secure the OPC belt cartridge in the printer.</p>

## E. Installing the Fuser Oil Bottle and Cleaning Roller

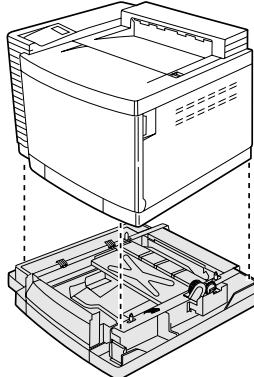
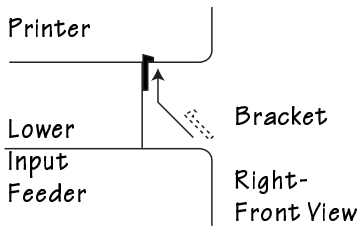
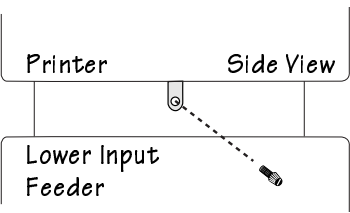
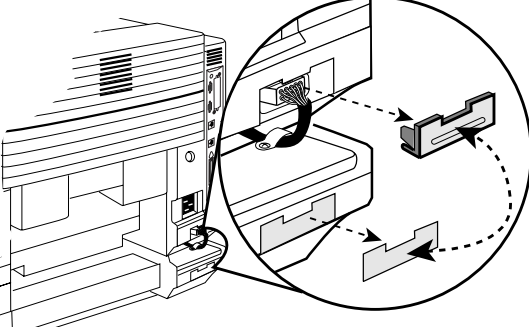
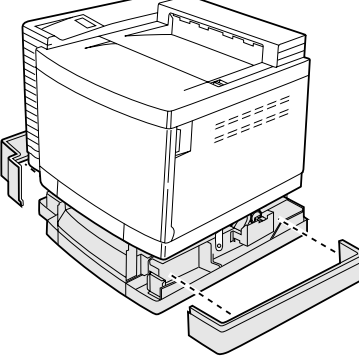
<p><b>1</b></p> 	<p>Open the two green cleaning roller lock levers by rotating them toward you.</p>	<p><b>2</b></p>  <p>Cleaning Roller Tab</p> <p>Install the cleaning roller in its slot. The larger tab on the top of the cleaning roller must be on the left.</p>
<p><b>3</b></p>  <p>Bottle Tab</p>	<p>Lower the oil bottle into its slot. The tab on the side of the bottle must be on the right.</p> <p>» <b>Note:</b> Because the first oil bottle must prime the printer, it has less than the normal 12,000-page (1-sided) life expectancy.</p>	<p><b>4</b></p>  <p>Close the two green lock levers by rotating them away from you. Close the printer's top and front covers. If you have a duplex model, close the duplexer's rear cover.</p>

## F. Loading the Media Cassette

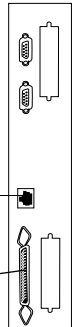
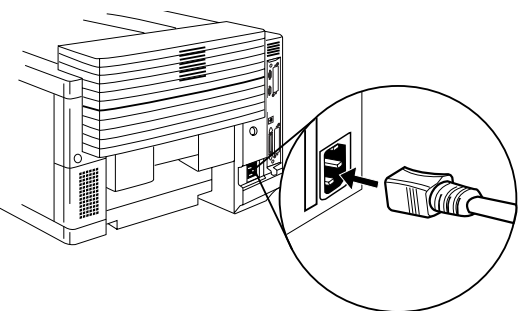
<p><b>1</b></p> 	<p>Take out the media cassette. Adjust the media guides to fit the size paper you're loading.</p> <p>Squeeze the retainers at the ends of the left width guide and/or the length guide, move the guide to the appropriate location (media sizes are listed on the cassette).</p> <p>Release the retainers.</p>	<p><b>2</b></p>  <p>Push the media pressure plate down to lock it in position.</p> <p>Fan a stack of approximately 250 sheets (½ ream). Load the paper.</p> <p>◆ <b>Caution:</b> The paper should fit easily between the guides. Make sure the paper corners are not bent.</p>
<p><b>3</b></p> 	<p>A fill limit mark is provided on the inside left side of the cassette.</p> <p>◆ <b>Caution:</b> Do not over-fill the cassette.</p> <p>The paper should face up with its top toward the rear of the cassette.</p>	<p><b>4</b></p>  <p>Suggested Label Locations</p> <p>Place the media label(s) in a convenient location as a constant reminder to users that cassettes must be configured correctly to print envelopes, glossy stock, labels, transfer media, and thick stock.</p> <p>Slide the media cassette back into the printer.</p>

## G. Installing the Lower Input Feeder

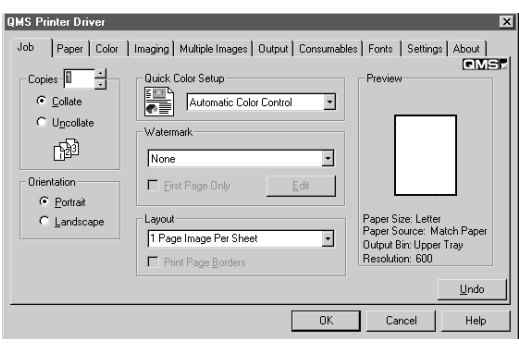
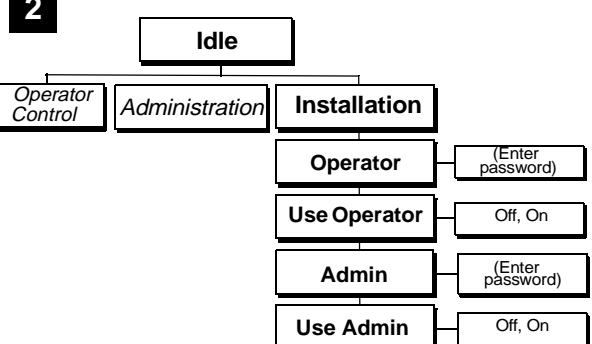
(Skip to "H. Connecting Interface and Power Cables" if you have an EXD model or if you didn't purchase a lower input feeder.)

<p><b>1</b></p> <p>Check the lower input feeder kit contents:</p> <ul style="list-style-type: none"> <li>• Input feeder unit</li> <li>• Letter/A4 media cassette</li> <li>• Two small metal brackets with thumbscrews</li> <li>• Two plastic side covers</li> </ul> <p>Remove the feeder from the shipping carton, and place it on a flat surface.</p> <p><b>WARNING!</b> <i>If consumables are installed, be sure to keep the printer level when moving it to prevent accidental spills.</i></p> <p><b>ACHTUNG!</b> <i>Achten Sie bitte darauf, das der Drucker mit eingebauten Tonerkartuschen nur waagrecht transportiert wird.</i></p>	<p><b>2</b></p>  <p>Remove any tape and packing material from the feeder.</p> <p>Set the printer on top of the input feeder.</p> <p>Be sure to align the printer and input feeder as precisely as possible.</p>
<p><b>3</b></p>  <p>Install the two metal brackets underneath the sides of the printer.</p> <p>Holding the bracket at a slight angle, slide it up into the hole underneath the printer before setting it to vertical.</p>	<p><b>4</b></p>  <p>Make sure that the hole in each metal bracket is lined up with the corresponding hole on the input feeder.</p> <p>Use the thumbscrews to attach the two brackets to the lower input feeder.</p>
<p><b>5</b></p>  <p>Locate the cable at the left rear of the optional feeder, and connect it to the printer.</p> <p>Switch the feeder cover plates after the cables have been connected.</p>	<p><b>6</b></p>  <p>Snap the plastic side covers onto the appropriate sides of the input feeder.</p> <p><b>Caution:</b> <i>If you move the printer with the lower input feeder attached, lift the unit by the four bottom corners of the feeder, not by the feeder's cassette slot and not by the printer itself.</i></p>




## H. Connecting Interface and Power Cables

<p><b>1</b></p>  <p>Ethernet Port</p> <p>Parallel Port</p> <p>Refer to the <i>Connecting Your QMS Print System</i> manual for instructions on how to connect your printer to a computer or network.</p>	<p><b>2</b></p>  <p>Plug the printer into a grounded, surge-protected electrical outlet.</p> <p>» <b>Note:</b> <i>In compliance with UL guidelines, "The appliance inlet is considered to be the main disconnect device."</i></p> <p>A startup page should print when the printer is turned on.</p> <p>» <b>Note:</b> <i>The printer requires a brief warmup (typically 3 minutes).</i></p>
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## I. Configuring the Printer

<p><b>1</b></p>  <p>See the <i>Connecting Your QMS Print System</i> manual for instructions on installing the QMS printer driver.</p> <p>Use the on-line help to configure the driver for printing.</p>	<p><b>2</b></p>  <p>See the <i>Reference</i> manual (on the <i>magicolor</i> 2+ <i>Documentation</i> CD-ROM) for further instructions on advanced printer configuration through the control panel menus.</p>
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## 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.
-  **Telephone**—In the US, call QMS toll-free at (887) 778-2687.

## Further Assistance

- Refer to one of the following:
- *QMS magicolor 2+ Operation* manual.
  - Appendix A, "QMS Customer Support," in any *QMS magicolor 2+ Print System* manual.

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