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For United States Users
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 or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and 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.

WARNING
The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate the equipment.

For Canadian Users
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.
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For additional information, see the following:

- The Quick Reference Guide provides a handy summary of procedures for daily use and printer maintenance—loading paper, replacing ink cartridges and other components, cleaning and aligning the print head, and using the printer’s menu system. Attach it to your printer for easy reference.

- The on-screen User’s Guide on the CD-ROM provides additional information about the printer, drivers, and utility software. You can read the guide using Adobe® Reader®.

- The on-screen Network Guide on the CD-ROM provides instructions for setting up and using your printer on a network.

**Warnings, Cautions, Notes, and Tips**

Please follow these guidelines as you use this book:

**WARNINGS** must be followed carefully to avoid bodily injury.

**Cautions** must be observed to avoid damage to your equipment.

**Notes** contain important information about your printer.

**Tips** contain additional hints on how to get the most out of your printer.
**Options and Accessories**

Your Epson Stylus® Pro 7900/9900 offers these optional upgrades and accessories:

**Optional equipment**

<table>
<thead>
<tr>
<th>Option</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Take-Up Reel System (Pro 9900 only)</td>
<td>C12C815321</td>
</tr>
<tr>
<td>Epson SpectroProofer™ 44-inch (Pro 9900 only)</td>
<td>SPECTRO44</td>
</tr>
<tr>
<td>Epson SpectroProofer 24-inch (Pro 7900 only)</td>
<td>SPECTRO24</td>
</tr>
<tr>
<td>Epson SpectroProofer 44-inch UV (Pro 9900 only)</td>
<td>SPECTRO44UV</td>
</tr>
<tr>
<td>Epson SpectroProofer 24-inch UV (Pro 7900 only)</td>
<td>SPECTRO24UV</td>
</tr>
<tr>
<td>One-year extended warranty</td>
<td>EPP900B1</td>
</tr>
<tr>
<td>Two-year extended warranty</td>
<td>EPP900B2</td>
</tr>
</tbody>
</table>

In addition, you can order these user-replaceable items:

**Consumables and user-replaceable parts**

<table>
<thead>
<tr>
<th>Part</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replacement maintenance tank (see page 169)</td>
<td>C12C890191</td>
</tr>
<tr>
<td>Replacement paper cutter (see page 165)</td>
<td>C12C815331</td>
</tr>
<tr>
<td>Roll media adapters (2)</td>
<td>C12C811241</td>
</tr>
<tr>
<td>Replacement 44-inch Take-Up Reel Core (Pro 9900 only)</td>
<td>C815121</td>
</tr>
<tr>
<td>Ink Cartridges</td>
<td>See page 160 for a complete list.</td>
</tr>
</tbody>
</table>

You can purchase optional equipment and genuine Epson ink and paper from an Epson Professional Imaging Authorized Reseller. To find the nearest reseller, visit www.proimaging.epson.com (U.S. sales), www.epson.ca (Canadian sales), or call 800-GO-EPSON (800-463-7766). Or you can purchase online at www.proimaging.epson.com (U.S. sales) or www.epson.ca (Canadian sales).
Where To Get Help

Epson provides technical support and information on the installation, configuration, and operation of professional printing products through the Epson Preferred™ Limited Warranty Plan. Dial (888) 377-6611, 6 AM to 6 PM, Pacific Time, Monday through Friday. Days and hours of support are subject to change without notice.

Before you call, make sure you have your Unit ID number, which is included with the Epson Preferred Limited Warranty Plan information that came with your printer. You’ll also need your printer serial number and proof of purchase.

Visit Epson’s support website at epson.com/support and select your product for solutions to common problems. You can download drivers, firmware, and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

Macintosh System Requirements

To use your printer in either a stand-alone or peer-to-peer network environment, your Macintosh® system should meet these requirements:

- Mac OS® X 10.4.9 or higher
- PowerPC® G5, Intel®, or higher processor
- At least 2GB of RAM (4GB or more recommended)
- At least 32GB of free hard disk space for software and processing files
- Quad-speed (4×) or faster CD-ROM or DVD drive for installing the printer software
- For USB connection: a compliant USB Hi-Speed 2.0 port and a shielded USB “AB” cable from Series A (computer) to Series B (printer), up to 10 feet (6 m) long
- For network connection: Ethernet-equipped Macintosh and a Category 5 compatible cable

Tip: If you experience difficulty with the toll-free line or your Unit ID number, call (562) 276-1305.

Caution: Using an improperly shielded cable—especially a cable more than 10 feet (6 m) long—may cause the printer to malfunction.

Note: USB 2.0 is required to run the printer at full speed.
Windows System Requirements

To use your printer in either a stand-alone or peer-to-peer network environment, your system should meet these requirements:

- IBM®-compatible PC with a Pentium® 4, 3 GHz or higher processor recommended
- Microsoft® Windows® Vista®, Windows Vista x64, Windows XP Professional x64 Edition, or Windows XP
- At least 2GB of RAM (4GB or more recommended)
- At least 32GB of free hard disk space for software and processing files
- Quad-speed (4×) CD-ROM or DVD drive for installing the printer software
- For USB connection: a Windows-compliant USB Hi-Speed 2.0 port and a shielded USB “AB” cable from Series A (computer) to Series B (printer), up to 10 feet (6 m) long
- For Ethernet connection: Ethernet equipped PC and a Category 5 compatible cable
Important Safety Instructions

Before using your printer, read the following safety instructions to make sure you use the equipment safely and effectively.

- The Epson Stylus Pro 7900 weighs about 186 lb (84.5 kg) and the Epson Stylus Pro 9900 weighs about 256 lb (116 kg) without the stand, paper basket, ink, or paper. Make sure you have four people lift the printer. (See page 25.)
- When setting up the printer, make sure you have enough space around it. You may need more space behind the printer if you print on large sheets of heavy stock or posterboard. (See page 21.)
- Place the printer on a flat, stable surface. The printer will not operate properly if it is tilted or at an angle.
- Avoid places subject to rapid changes in temperature and humidity. Also keep the printer away from direct sunlight, strong light, or heat sources.
- Avoid places subject to shocks and vibrations.
- Keep the printer away from dusty areas.
- Keep your entire computer system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- Place the printer near a wall outlet where the plug can be easily unplugged.
- Use only the type of power source indicated on the label.
- Connect the printer to a properly grounded outlet. Avoid using an outlet on the same circuit as a photocopier or air control system that regularly switches on and off.
- Avoid using electrical outlets controlled by wall switches or timers.
- Use only the power cord that comes with the printer. Use of another cord may result in fire or electric shock.
- The printer’s power cord is designed for use with the printer only. Using it with other equipment may result in fire or electric shock.
- Do not use a damaged or frayed power cord.
If you use an extension cord with the printer, make sure the total ampere rating of devices plugged into the extension cord does not exceed the cord’s ampere rating. Also, make sure the total ampere rating of all devices plugged into the wall outlet does not exceed the wall outlet’s ampere rating.

- Do not block or cover the openings in the printer’s case.

- Do not put your hand inside the printer during printing.

- Do not move the print head by hand unless instructed to do so by an Epson service technician; otherwise you may damage the printer.

- Do not insert objects through the slots. Take care not to spill liquid on the printer.

- Do not attempt to service the printer yourself.

- Power down the printer from the control panel, unplug the printer, and refer servicing to qualified service personnel under the following conditions:

  The power cord or plug is damaged; liquid has entered the printer; the printer has been dropped or the cabinet damaged; the printer does not operate normally or exhibits a distinct change in performance.

- Before transporting the printer, make sure the print head is in the far right (home) position.

For California customers only:

The lithium batteries in this product contain Perchlorate Material - special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate.

Caution: Always turn the printer off using the Power button. When you press this button, POWER OFF appears on the LCD panel and the Power light flashes. Do not unplug the printer or turn off the power to the printer until the panel shuts off and the Power light stops flashing. This ensures that the print head is safely capped.
Ink Cartridge Safety Instructions

- Keep ink cartridges out of the reach of children and do not drink the ink.
- Store ink cartridges in a cool, dark place.
- If ink gets on your skin, wash it off with soap and water. If ink gets in your eyes, flush them immediately with water.
- Shake ink cartridges before installing them for best results.
- Do not use an ink cartridge beyond the date printed on the cartridge carton.
- Use up the ink cartridge within six months of installation for best results.
- Do not dismantle ink cartridges or try to refill them. This could damage the print head.
- After bringing an ink cartridge inside from a cold storage site, allow it to warm up at room temperature for at least three hours before using it.
- The IC chip on the ink cartridge retains a variety of cartridge information, which allows you to remove and reinsert it freely. However, each time the cartridge is inserted, some ink is consumed because the printer automatically performs a reliability check.
- If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust, and store it in the same environment as this product. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent ink from staining items that the cartridge touches.
- Do not touch the ink supply port, its surrounding area, or the green IC chip on the side of the ink cartridge. Doing so may affect normal operation and printing.

Caution: Do not use too much force when you shake cartridges that have been previously installed.
Printer Parts

These illustrations show the Epson Stylus Pro 9900, but the parts are the same for the Pro 7900 unless otherwise noted.

Front

Back
Control Panel

![Control Panel Diagram]

LCD Display

![LCD Display Diagram]
Chapter 1: Setting Up the Printer

This chapter includes the following information:

- Unpacking and assembling the Pro 7900 and Pro 9900
- Connecting the power cord
- Installing ink
- Connecting to your computer and a network
- Installing the printer software for Macintosh or Windows
- Updating the printer firmware
- Configuring the printer for a network

Unpacking and Assembling the Printer

Follow these steps to assemble your printer and its stand.

Before you begin, make sure you have sufficient space to set up and use the printer—at least 12 inches on all sides in addition to the dimensions shown:

- 53.4 × 35.6 inches (1356 × 903 mm) for the Epson Stylus Pro 7900
- 73.4 × 52 inches (1864 × 1318 mm) for the Epson Stylus Pro 9900
For assembly, you need floor space of approximately:
- $8 \times 8$ feet ($2.4 \times 2.4$ m) for the Epson Stylus Pro 7900 and stand
- $13 \times 13$ feet ($4 \times 4$ m) for the Epson Stylus Pro 9900 and stand

**Unpacking and Assembling the Stand**

1. Lift the box up and away from the shipping pallet. Then remove the box containing the stand and paper basket.

2. Unpack the stand and make sure you have all these items.
3. Insert the strut into the left side as shown. (The sides are labeled L and R.)

4. Fasten the strut with 3 bolts as shown. Use the hex wrench to tighten the bolts.

**Note:** Make sure you tighten all bolts before moving to the next section.
5. Insert the strut into the right side and fasten it with 3 bolts as shown.

6. Lock the casters.
Unpacking the Printer and Mounting It on the Stand

1. Make sure you have all the items shown below:

   - Roll paper holders
   - Documentation and software CD
   - 11 Ink cartridges
   - Power cord
   - Cable guides
   - Printer

   **Note:** Make sure you save the box and packaging in case you need to ship the printer.

2. Remove the cardboard panels and other packing materials from around the printer.

3. Have four people lift the printer.

   **WARNING:** Four or more people are required to lift the printer.
4. Mount the printer on the stand as shown, aligning the pegs with the holes on the bottom of the printer.

5. Fasten the printer to the stand with the wing screws and washers.
Attaching the Paper Basket (Epson Stylus Pro 7900)

The paper basket is a cloth sheet that attaches to the printer stand and catches your prints as they come out. If you have the Epson Stylus Pro 9900, see page 34 for instructions on attaching the paper basket.

1. Make sure you have all the parts shown below:

2. Attach the two short posts as shown, one on each side of the stand.
3. Use the pins to fasten the posts in place.

4. Insert the round and square poles into the basket cloth as shown.
5. Place the basket under the printer as shown.

6. Snap the center pole into the holders on each side of the stand.
7. Insert the black plastic connectors into both ends of the square pole.

8. Fasten the black plastic connectors onto the posts on each side of the stand.
9. Snap the back pole into the holders as shown.

10. Hook the loops around the pins on the back of the stand legs.
11. Insert the rod into the fabric channel.

12. Insert the free ends of the rod into the holes in the sides of the stand.
13. Loop the tabs over the ends of the rod as shown.

14. Attach the paper guides to the bottom of the printer as shown:

Now go to “Completing Setup and Connecting the Power Cord” on page 42.
Attaching the Paper Basket (Epson Stylus Pro 9900)

The paper basket is a cloth sheet that attaches to the printer stand and catches your prints as they come out. If you have the Epson Stylus Pro 7900, see page 27 for instructions on attaching the paper basket.

1. Make sure you have all the parts shown below.

2. Attach two of the posts to the front of the stand as shown, one on each side.
3. Use the pins to fasten the posts in place.

4. Attach the other two posts to the back of the stand.
5. Use the pins to fasten the posts in place as shown.

6. Insert the round and square poles into the basket cloth as shown:
7. Place the basket under the printer as shown.

8. Snap the center pole in the holder on each side of the stand.
9. Insert the black plastic connectors into both ends of the square pole.

10. Fasten the black plastic connectors onto the posts on each side of the stand.
11. Snap the back pole into the holders as shown.

12. Attach the end pieces to the poles at the back of the basket.
13. Lift the back of the basket and attach the end pieces to the posts at the back of the stand.

15. Insert the free ends of the rod into the holes in the sides of the stand.

16. Loop the tabs over the rod as shown.
17. Attach the paper guides to the bottom of the printer as shown:

18. Continue with the next section to complete the setup process and connect the power cord.

**Completing Setup and Connecting the Power Cord**

1. Attach the manual holder to the left or right side of the stand. Store the *Printer Guide* in the holder.

2. Unlock the casters. Then move the printer to the place of use. (The casters are meant for moving the printer for only a short distance.) Lock the casters after moving.
3. Remove any packing tape and plastic film. Check these areas:
   - the front cover
   - the ink compartment covers
   - the maintenance tank(s)

4. Open the roll paper cover and remove the tape and packing material.
5. Open the front cover and remove the tape and packing material.

Save the packing material in case you need to ship the printer.

6. Close the front cover.

7. Connect the power cord to the AC inlet on the back of the printer.

Note: The illustrations in the following sections show the Epson Stylus Pro 9900, but the instructions are the same for the Pro 7900.
8. Attach the cable guides to the left or right side of the printer back and route the power cord to the side of the printer as shown.

9. For the Pro 9900, attach the loops on the paper basket cords to the cable guides.

10. Plug the power cord into a properly grounded electrical outlet.

**Caution:** Do not use an outlet that is controlled by an automatic timer or wall switch. Otherwise, you may accidentally shut off the printer and cause damage.
Installing Ink

Use the ink cartridges that came with your printer for initial ink charging. During the initial installation process, it is normal for most of the ink in each cartridge to be used.

The cartridges shipped with your printer are provided mainly to charge the ink system. Make sure you order a new set of cartridges as soon as possible.

1. Press the Power button to turn on the printer. In a moment, INSTALL INK CARTRIDGE appears on the LCD display and the ink covers pop open slightly.

2. Open both ink covers.
3. Remove the ink cartridges from their packages, then gently shake each cartridge for about 5 seconds.

4. Note the location of the slots corresponding to each cartridge.

<table>
<thead>
<tr>
<th>Left ink bay</th>
<th>Right ink bay</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Slot no.</strong></td>
<td><strong>Cartridge</strong></td>
</tr>
<tr>
<td>1</td>
<td>Cyan (C)</td>
</tr>
<tr>
<td>2</td>
<td>Orange (O)</td>
</tr>
<tr>
<td>3</td>
<td>Yellow (Y)</td>
</tr>
<tr>
<td>4</td>
<td>Light Cyan (LC)</td>
</tr>
<tr>
<td>5</td>
<td>Matte Black (MK)</td>
</tr>
<tr>
<td>6</td>
<td>Photo Black (PK)</td>
</tr>
</tbody>
</table>

5. Install the ink cartridges in the printer.

Hold each cartridge with the arrow pointing toward the printer, then insert it into its slot until it clicks into place. Make sure you insert each cartridge all the way into the correct slot.
Caution: Charging takes about 15 minutes. Never turn off the printer, remove the maintenance tank, or open the front cover or ink covers while the Power light is flashing, or you may damage the printer.

6. After installing all 11 cartridges, close the ink covers. The printer begins charging the ink delivery system and the Power light flashes.

After ink charging is completed, you need to load paper before READY will appear on the display. See page 57 for instructions.

Connecting to Your System

You can use USB and/or Ethernet network connections.

For USB connection, make sure your system has the appropriate port and you have a standard, shielded cable 10 feet (6 m) long or less.

To connect to a network hub, you need a standard RJ-45 CAT-5 network cable. To connect directly to your computer’s network interface, you need an RJ-45 CAT-5 crossover cable.

1. Make sure that both the printer and the computer are turned off.
2. Plug the interface cable into the appropriate port on the printer.

3. Plug the other end of the cable into the appropriate connector on your computer, or network switch or hub.

**Installing the Software for Macintosh**

Follow the steps below to install the software on a Macintosh. For Windows, see page 52.

1. Turn on your Macintosh and your printer.
2. Insert the printer software CD-ROM.
3. Double-click the **Epson** installer icon.

**Note:** You can check for a newer version of your printer driver on the Epson support site at www.epson.com/support.
4. Read the license agreement and click **Agree**. You see this screen:

![Select your product: Epson Stylus Pro 7900 / 9900](https://via.placeholder.com/150)

5. Click your printer model. You see a screen like this:

![Epson Stylus Pro 7900 Software Installation](https://via.placeholder.com/150)

**Note:** If you see a message that the installer has detected an older version of EpsonNet Config on your system, you must uninstall the older version before you can install the new one. Open the Applications folder and drag the EpsonNet folder into the trash. Then reinstall your printer software.

6. Click the **Install** button.

7. Follow the on-screen instructions to install the software and manuals, register your printer, and place links to Epson Professional Imaging and myEpsonPrinter.com websites on your desktop.
8. When you see the prompt, remove the CD and click **Restart**.

9. After your Macintosh restarts, do one of the following:

    For Mac OS X 10.5, select **Print & Fax** from System Preferences. Click the + button, then select your printer and click **Add**:

    ![Image of Print & Fax interface](image1)

    For Mac OS X 10.4, open the **Printer Setup Utility**. Click **Add**. You see your printer in the Printer Browser:

    ![Image of Printer Browser](image2)

    **Tip:** If you want to rename the printer for easier identification, enter a new name for it in the Name field on this screen.

    For USB connection, select your printer and wait while your Macintosh finds the driver and the Add button becomes available. Then click **Add**.
For network connection, click More Printers and select a connection, such as EPSON TCP/IP. Select your printer from the list and click Add.

You see your printer in the Printer List.

10. Go to page 54 to update your printer firmware, if necessary.

**Installing the Software for Windows**

Follow these steps to install the software for Windows:

1. Make sure your printer is turned off.

2. Turn on your computer.

3. Insert the printer software CD-ROM in your computer. The installer starts automatically.

4. Read the license agreement and click Agree. You see this screen:

   ![Image of Epson Stylus Pro 7900 / 9900 software installation screen]

   *Note:* With Windows Vista, if you see the AutoPlay window, click Run Epsetup.exe. When you see the User Account Control screen, click Continue.
5. Click your printer model. You see a screen like this:

![Software Installation Screen](image)

6. Click the Install button.

7. When you see a screen asking you to turn on the printer, press the printer’s Power button. (Make sure the printer is connected; see page 48.)

   For network connection, click the Manual button, select the port you created for the printer, and click OK.

   If you didn’t create a port for the printer, select FILE.

8. When you see the final installation screen, click Exit.

9. Register your printer with Epson, then remove the printer software CD-ROM.

10. If you need to create a port, see the on-screen Network Guide.

    Go to the next section to update the printer firmware, if necessary.

**Note:** With Windows XP, if you see a Found New Hardware Wizard screen, select No, not this time, click Next, and click Next again.
Updating Your Printer Firmware

To keep your printer features and functionality up to date, you should check for a newer version of firmware on the Epson support site and update your printer, if necessary.

Checking the Current Firmware Version

1. Press the ▶ Menu button.
2. Press the ▼ button until PRINTER STATUS is highlighted, then press Menu.
3. Press Menu again and note the firmware version displayed. When done, press the ◀ button.

Downloading and Updating the Firmware

1. Click the EPSON LFP Remote Panel 2 icon on your desktop. You see the LFP Remote Panel.
2. Select your printer, then click the Firmware Updater button.
   When you see the prompt, click OK to have the EPSON LFP Remote Panel utility automatically locate and download the latest firmware from the Epson website.
   If you need to download the firmware manually, visit Epson’s support website at epson.com/support, select your product, then click Drivers & Downloads.
   Choose the firmware update version for Macintosh or Windows and follow the instructions on the screen.
3. Make sure your printer is turned on, its LCD displays READY, and it is connected to your computer or network, then choose your printer.
4. Click Browse and find the firmware file that you just downloaded and extracted. Select the file and click Choose or Open.
5. If the firmware version of the file is newer, click Update to start the firmware updating process. (If it is the same, you don’t need to update.)

Tip: For best results, use a USB connection when you update the firmware on your printer.

Caution: Don’t turn off the printer while the firmware is updating.

Note: For more information on using the LFP Remote Panel, click Help to see the on-screen guide.
6. When the update is complete, close the Firmware Updater window and Epson LFP Remote window.

If you connected your printer to a network, follow the instructions in the next section to configure the printer for your network.

**Configuring the Printer’s Network Adapter**

Once the printer is connected to your network, follow these steps to configure it:

1. Turn on the printer.

2. Start EpsonNet Config. The EpsonNet Config program searches for all Epson printers on the network and displays the MAC address and IP address for each printer that it finds.

3. Highlight the printer that you want to configure and click **Configuration** to access the TCP/IP selection screen.

4. If necessary, contact your network administrator for instructions on assigning an appropriate IP address.

For more information on configuring the printer, see the on-screen *Network Guide*.

**Note:** After you install the software, you need to load paper and print a test image. If the print quality is satisfactory, your setup is done. If not, you may need to align the print head, as described on page 158.
The Epson Stylus Pro 7900 and Pro 9900 print on a variety of media, including roll paper and cut sheets in widths up to 24 inches (610 mm) for the Pro 7900 or 44 inches (1118 mm) for the Pro 9900. You can also use heavy stock, such as posterboard up to 59 mil (1.5 mm) thick.

This chapter includes the following information:

- Selecting media for your printer
- Using roll paper
- Using cut sheet paper
- Using the paper basket
- Optimizing the settings for your paper

## Selecting Media for Your Printer

Epson offers a variety of coated, glossy, matte, and fine art paper, as well as other media, for your printer.

The following table shows the paper sizes you can use:

### Supported paper sizes

<table>
<thead>
<tr>
<th></th>
<th>Roll paper</th>
<th>Cut sheets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pro 9900</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>10 to 44.0 in.</td>
<td>Letter size up to 44 in.</td>
</tr>
<tr>
<td></td>
<td>(203 to 1118 mm)</td>
<td>(1118 mm)</td>
</tr>
<tr>
<td>Length</td>
<td>2 in. core: 147.6 ft (45 m)</td>
<td>Up to 62.2 inches (1580 mm)</td>
</tr>
<tr>
<td></td>
<td>3 in. core: 662.7 ft (202 m)</td>
<td></td>
</tr>
<tr>
<td><strong>Pro 7900</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>10 to 24.0 in.</td>
<td>Letter size up to 24 in.</td>
</tr>
<tr>
<td></td>
<td>(203 to 610 mm)</td>
<td>(610 mm)</td>
</tr>
<tr>
<td>Length</td>
<td>2 in. core: 147.6 ft (45 m)</td>
<td>Up to 36 inches (914 mm)</td>
</tr>
<tr>
<td></td>
<td>3 in. core: 662.7 ft (202 m)</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum external roll diameter</strong></td>
<td>2 in. core: 4 in. (103 mm)</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>3 in. core: 6 in. (150 mm)</td>
<td></td>
</tr>
<tr>
<td><strong>Thickness</strong></td>
<td>3.15 to 19.7 mil</td>
<td>3.15 to 59 mil (0.08 to 1.5 mm)</td>
</tr>
<tr>
<td></td>
<td>(0.08 to 0.5 mm)</td>
<td></td>
</tr>
</tbody>
</table>
Always test samples of paper stock in the printer before purchasing large quantities or printing large jobs. If you use non-Epson paper or other media, you may need to adjust various settings and create special paper configurations. See page 83 for instructions.

**Available Epson Special Media**

One of the key elements for achieving professional quality prints is selecting paper that is specifically optimized for your printer. Epson offers a complete lineup of professional media for a variety of applications. Most Epson professional media are available in sizes from small cut sheets to wide-format rolls. Check the Epson Pro Imaging website at www.proimaging.epson.com or your Epson Professional Imaging Authorized Reseller for available media.

For more details about compatible papers, see page 196.

**Guidelines for Using Epson Media**

Follow these guidelines, as well as those included in your paper package, when printing on Epson paper and other media:

- Avoid touching the printable surface with your bare hands. Fingerprints may affect print quality. Handle media by the edges or use cotton gloves.
- Be careful not to bend or scratch the paper.
- Always choose the correct Media Type setting in your printer driver software before you send your job. See page 110 (Mac OS X) or page 126 (Windows) for instructions.
- Always select the correct paper source (roll or sheet) in both the printer driver software and on the printer’s control panel. See page 106 (Mac OS X), or page 132 or page 135 (Windows) for instructions on selecting the paper source in your printer software.
- Keep unused media in its original packaging and store it in a cool, dry place to maintain quality. Avoid storing your printouts where they will be exposed to high temperature, humidity, or direct sunlight.
- Store sheet media on a flat surface.
Using Roll Paper

You can use roll paper with a 2- or 3-inch core and a width of up to 24 inches (61 cm) for the Pro 7900, or 44 inches (112 cm) for the Pro 9900. Manually switching rolls is a simple process.

Roll Paper Guidelines

When printing on roll paper, be sure to follow the media handling guidelines on page 58, as well as these special guidelines for roll paper:

- When storing roll paper, keep it in its original packaging—including the bag, end caps, and box.
- To avoid feeding excess paper, make sure the Sheet icon does not appear on the LCD display. Press the Paper Source button until the or roll icon appears.
- Choose if you want the paper to be cut automatically after each page is printed.
- Choose if you want to print a series of pages and keep them together for cutting later on or use the Auto Take-up Reel (Pro 9900 only).
- If you’re loading heavy paper, you may need to increase the paper suction by pressing the Paper Feed button. For lightweight paper, decrease the suction by pressing the Paper Feed button.
- Do not leave roll paper loaded in the printer when it is not in use.

Selecting the Paper Type

Whenever you load a new type of paper, you need to select the paper type on the printer’s control panel.

1. Press Menu.
2. Press ▲ or ▼ to select PAPER SETUP, then press ►.
3. Select PAPER TYPE, then press ►.
4. Select the paper that you are using as listed page 60, then press the OK button to save the setting.
5. Press \[ \text{\textemdash} \] to exit the menu.

If your paper does not appear on the control panel, check the instructions included with the paper, or look on the Epson website (www.proimaging.epson.com). If you are using non-Epson paper, consult the manufacturer for the best setting. You may have to experiment with different settings to determine which one is best for the media you’re using.

<table>
<thead>
<tr>
<th>For this media</th>
<th>Select this Paper Type setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photo Paper</td>
<td></td>
</tr>
<tr>
<td>Premium Glossy Photo Paper</td>
<td>Premium Glossy Sheet</td>
</tr>
<tr>
<td>Premium Photo Paper Glossy</td>
<td></td>
</tr>
<tr>
<td>Premium Glossy Photo Paper (170)</td>
<td>Premium Glossy 170</td>
</tr>
<tr>
<td>Premium Glossy Photo Paper (250)</td>
<td>Premium Glossy 250</td>
</tr>
<tr>
<td>Premium Semigloss Photo Paper</td>
<td>Prem. Semigloss Sheet</td>
</tr>
<tr>
<td>Premium Semigloss Photo Paper (170)</td>
<td>Premium Semigloss 170</td>
</tr>
<tr>
<td>Premium Semigloss Photo Paper (250)</td>
<td>Premium Semigloss 250</td>
</tr>
<tr>
<td>Premium Luster Photo Paper</td>
<td>Premium Luster Sheet</td>
</tr>
<tr>
<td>Ultra Premium Photo Paper Luster</td>
<td></td>
</tr>
<tr>
<td>Premium Luster Photo Paper (260)</td>
<td>Premium Luster 260</td>
</tr>
<tr>
<td>Premium Semimatte Photo Paper (260)</td>
<td>Premium Semimatte 260</td>
</tr>
<tr>
<td>Proofing Paper</td>
<td></td>
</tr>
<tr>
<td>Proofing Paper Commercial</td>
<td>Proofing Paper Com.</td>
</tr>
<tr>
<td>Proofing Paper White Semimatte</td>
<td>Proofing Paper W. Sm.</td>
</tr>
<tr>
<td>Proofing Paper Publication</td>
<td>Proofing Paper Pub</td>
</tr>
<tr>
<td>Matte Paper</td>
<td></td>
</tr>
<tr>
<td>Doubleweight Matte Paper</td>
<td>Doubleweight Matte</td>
</tr>
<tr>
<td>Enhanced Matte Paper</td>
<td>Enhanced Matte</td>
</tr>
<tr>
<td>Ultra Premium Presentation Paper Matte</td>
<td>Enhanced Matte</td>
</tr>
<tr>
<td>Somerset Velvet (roll)</td>
<td>Enhanced Matte</td>
</tr>
<tr>
<td>Singleweight Matte Paper</td>
<td>Singleweight Matte</td>
</tr>
<tr>
<td>Presentation Paper Matte</td>
<td>Photo Quality IJ Paper</td>
</tr>
<tr>
<td>Fine Art Paper</td>
<td></td>
</tr>
<tr>
<td>UltraSmooth® Fine Art Paper</td>
<td>UltraSmooth F.A.</td>
</tr>
</tbody>
</table>
Setting Up Automatic Media Tracking and Identification

Before you load roll paper in the printer, you can set up the automatic media tracking system. This system prints a barcode on the edge of the paper that indicates the media type, roll length, and the alert setting.

When the printer is turned on or roll paper is placed in the printer, the barcode is scanned and the amount of roll paper remaining is displayed on the LCD panel. You will see an alert message when the roll is nearly used up.

The barcode is printed when you press the Paper release (ePlaten) button.

Make sure PAPER OUT appears on the control panel. Then follow these steps to set up the automatic media tracking system:

1. Press ▶ Menu.
2. Press ▲ or ▼ to select PAPER SETUP, then press ▶.
3. Press ▶ to select ROLL PAPER REMAINING.
4. Press ▶ to select REMAINING PPR SETUP.
5. Press ▼, select ON, and press OK.

<table>
<thead>
<tr>
<th>For this media</th>
<th>Select this Paper Type setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Textured Fine Art Paper</td>
<td>Textured Fine Art</td>
</tr>
<tr>
<td>Velvet Fine Art Paper</td>
<td>Velvet F.A.</td>
</tr>
<tr>
<td>Watercolor Paper - Radiant White</td>
<td>Watercolor Paper</td>
</tr>
<tr>
<td>Premium Canvas Satin</td>
<td>Watercolor Paper</td>
</tr>
<tr>
<td>PremierArt Water Resistant Canvas</td>
<td>Watercolor Paper</td>
</tr>
<tr>
<td>Premium Canvas Matte</td>
<td>Watercolor Paper</td>
</tr>
<tr>
<td>Piezo Pro® Matte Canvas</td>
<td>Watercolor Paper</td>
</tr>
<tr>
<td>Canvas</td>
<td>Canvas</td>
</tr>
</tbody>
</table>

Others

| Enhanced Matte Posterboard         | Enhanced Mat. Board           |
| Somerset Velvet (sheet)            | Enhanced Mat. Board           |

For this media

Select this Paper Type setting
6. Press ▲ to go back to REMAINING PPR SETUP.

7. Press ▼ to select ROLL PAPER LENGTH.

8. Press ►, then select the length of the roll paper loaded in the printer, from 15 to 300 ft (5 to 99.5 m), then press OK.

9. Press ◀, then press ▼ to select ROLL LENGTH ALERT.

10. Press ►, then select the length at which you want to receive an alert message, from 3 to 50 ft (1 to 15 m), then press OK.

11. Press • to exit the menu.

**Placing the Paper in the Printer**

1. Open the roll paper cover.
2. Push the lock lever down firmly, then move the roll paper holder to the left.

3. Place the roll on top of the printer.
4. If necessary, adjust the roll media adapters to fit the core size of the roll paper.

   2-inch core:

   ![2-inch core diagram]

   3-inch core:

   ![3-inch core diagram]

5. Release the tension lever on both adapters.
6. Push the adapters into the paper core at both ends of the roll. Then pull down the tension levers.

7. Move the roll paper to the right side until it touches the roll paper guide.
8. Slide the roll paper holder to align the left adapter with the ▲ on the holder.

9. Roll the paper slowly into position.
10. Slide the roll paper holder to the right to secure it in the printer. Make sure both ends of the roll paper are secured in the adapters.

11. Pull up the lock lever to lock the paper in place.

12. If the light is not on, press the button.
Loading the Paper for Printing

1. Insert the paper into the slot and pull it down.

If the paper doesn’t come out, you may need to lower the suction by pressing the ▼ Paper Feed button. Make sure you return the suction to normal after the paper is loaded.
2. Close the roll paper cover.

3. Press the button.

4. Press the button to move the paper into printing position or wait for the paper to move into position automatically.

5. If you see a question on the display about paper settings, select Yes if the settings are correct, or select No, then change the settings.

6. Press OK.

7. If the edge of the paper is uneven or folded, press the button to cut the edge.

To avoid indenting or creasing the paper, remove it from the paper path and roll it up when you are not printing.
Cutting Paper Manually with the Built-in Cutter

When you’re not using the Auto Cut On setting, you can cut roll paper manually by pressing a button after your print job is finished. You can use the $\Rightarrow$ button to cut most types of paper.

1. Before you print, press the $\uparrow$ Paper Source button until you see the $\square$ roll (Auto Cut Off) icon on the LCD display.
2. Run your print job.
3. Press and release the $\Rightarrow$ button. When the selection menu appears, select CUT, then press OK. The paper is cut.
4. If the paper cannot be cut by the built-in cutter, press the $\downarrow$ button to feed the paper to the manual cutting position. Then cut it manually.

Printing Trim Lines

You can print trim lines on the right edge of your pages (Auto Cut On) or on the right and bottom edge (Auto Cut Off).

1. Press $\uparrow$ Menu.
2. Press $\uparrow$ Menu again to select the Printer Setup menu.
3. Press $\downarrow$ to select PAGE LINE, then press $\uparrow$.
4. Press $\downarrow$ or $\uparrow$ to select ON.
5. Press OK to save the setting. A check mark appears next to ON.
6. Press $\text{ Cancel}$ to exit the menu.

You can also specify trim lines from your printer driver software. For instructions, see pages 98 or 114 (Mac OS X) or page 134 (Windows).

Note: The built-in cutter might not be able to cut some types of non-Epson media.
Removing Paper from the Printer

1. Open the roll paper cover.

2. Press the button to release the paper.
   - If automatic media tracking is on, the barcode and paper information is printed.
   - If you are not using the Auto Take-Up Reel, the paper is rewound automatically.
If you are using the Auto Take-Up Reel, you need to rewind the paper manually.

3. Push down the lock lever firmly to release it. Then move the roll paper holder all the way to the left and remove it from the roll.
4. Roll the paper forward so that it rests on top of the printer.

5. Pull up the tension levers, then remove the adapters from the paper roll.

6. Rewind the paper carefully and place it in its original package.
Using Cut Sheet Paper

You can print on many types of cut sheet paper and other media. The printer accepts sheets in widths from letter size/A4 to 24 inches (61 cm) for the Pro 7900 or 44 inches (112 cm) for the Pro 9900.

You can leave your roll paper in the printer when you print on cut sheets; make sure it is removed from the paper path and rolled up.

How you load the paper depends on its thickness:
- For most paper, see the section below.
- For stock thicker than 19 mil (0.5 mm), see page 76.

Note: For heavy paper, you may need to increase the suction by pressing the ▲ button. This helps hold the paper in place during loading and printing.

For lightweight paper, decrease the suction by pressing the ▼ button.

Loading Cut Sheets

Make sure you load paper in the portrait orientation (short edge first).

You can load paper without pressing the ▼ button. This prevents scratching and is fast and easy.

1. Make sure the printer is turned on and the roll paper cover is closed.
2. Press the ▲ Paper Source button until the □ Sheet icon appears on the LCD display.

![Diagram of control panel with Sheet icon highlighted.]
3. Feed the sheet into the paper slot until it meets resistance. Make sure the right edge of the paper is straight and aligned with the vertical line on the roll paper cover.

4. Press ▼. The sheet feeds into printing position automatically.

5. If you see a question on the display about paper settings, select Yes if the settings are correct, or select No, then change the settings.

6. Press OK.

7. Print your page. After it is finished, the sheet stays in the printer.

8. To remove your print, press the ▼ button while holding the sheet.
**Loading Heavy Sheets**

Make sure you load paper in the portrait orientation (short edge first).

The only exception is paper that is more than 19 mil (0.5 mm) thick and 28.6 inches (728 mm) long, which should be loaded in landscape orientation (Pro 9900 only).

1. Make sure the printer is turned on and the roll paper cover is closed.

2. Press the Paper Source button until the Sheet icon appears on the LCD display.

   **Note:** You may need to increase the suction by pressing the button. This helps hold the paper in place during loading and printing.

3. Press the button.

4. Feed the sheet into the paper slot. Make sure the right and top edges of the paper are straight and aligned with the horizontal and vertical lines on the printer.
5. Press the \(\%\) button.

6. Press the \(\text{TDM}\) button to move the paper into printing position or wait for the paper to move into position automatically.

7. If you see a question on the display about paper settings, select Yes if the settings are correct, or select No, then change the settings.

8. Press OK.

9. Print your page. After it is finished, the sheet stays in the printer.

10. To remove your print, press the \(\text{▼}\) button while holding the sheet.

**Adjusting the Platen Gap for Thick or Thin Paper**

When you print on unusually thick or thin paper, you may need to adjust the platen gap setting. STANDARD is the default setting. However, if print quality is not satisfactory when using very thin or very thick stock, you may need to change this setting.

1. Press \(\uparrow\) Menu.

2. Press \(\uparrow\) again to select the Printer Setup menu and highlight PLATEN GAP.

3. Press \(\uparrow\). STANDARD is selected as the current setting.

4. Use the \(\uparrow\) or \(\downarrow\) button to choose NARROW, WIDE, WIDER, or WIDEST.

5. Press OK to save the setting. A check mark appears next to the selected setting.

6. Press \(\text{TDM}\) to exit the menu.

**Note:** If you notice head strikes on your prints, make sure your paper is flat. You can also try changing the PLATEN GAP setting to WIDE. If that doesn’t solve the problem, try changing it to WIDER.

**Caution:** To avoid damaging the printer, make sure you do not select the NARROW setting when you print on thick media.
If you’ve selected a non-standard platen gap, the following symbols appear in the corner of the display to remind you of the narrow or wide setting:

- PGE  Widest
- PGF  Wider
- PGI  Wide
- PGH  Narrow

When you switch media, don’t forget to change the setting back to STANDARD.

If you’re printing on non-Epson media and not using the Epson driver, you may also need to create a paper configuration to optimize your results. See page 83 for more information.

**Using the Paper Basket**

The paper basket attaches to your printer and catches your printouts as they come out. The basket keeps your printouts from getting dirty or scratched. You can set it up either to catch the paper under the printer or in front of the printer.

**Catching Printouts in Front of the Printer**

Follow the steps below to set up the basket in front of the printer. Use this method for paper more than 19 mil (0.5 mm) thick or any prints that are 62 inches (157 cm) or longer (for the Pro 9900) or 36 inches (91 cm) or longer (for the Pro 7900).

1. If you are using the paper guides, make sure they are in front of the basket, as shown below.
2. For the Pro 9900, raise the back of the basket all the way up.

3. Open the tabs at the front of the basket and tilt it down. Then raise the paper guides.

4. Raise the front of the basket so that the surface is taut. Then lower the paper guides so that your prints slide smoothly onto the cloth.
Note: To avoid paper feed errors, do not allow prints to stack up in the paper basket.

**Catching Printouts Under the Printer**

Follow these steps to catch printouts under the printer:

1. Raise the paper guides and tilt the front of the basket down.

2. Lower the paper guides, then raise the front of the basket all the way up. Fasten the front of the basket with the tabs.
3. For the Pro 9900, adjust the basket based on your print size.
   - $23.4 \times 33.1$ inches (A1) or smaller

   ![Diagram of the Pro 9900 showing the basket adjustment]

   **Note:** If printouts on matte paper have banding, pull the paper guides forward.

   - Larger than $23.4 \times 33.1$ inches (A1)

   ![Diagram showing the basket adjustment for larger prints]
Storing the Paper Basket

If you are not using the paper basket, you can fold it out of the way.

1. For the Pro 9900, raise the back of the basket.

2. Raise the paper guides, then adjust the tabs and raise the front of the basket. Lower the paper guides.
Optimizing the Settings for Your Paper

When you choose a media type in your Epson printer software, the driver automatically determines the best settings for your paper. However, you may want to fine-tune how the printer handles various media—especially if you use non-Epson paper or a paper not supported by the driver. Use the paper configuration settings described below.

You can create a special configuration, or group of settings, for each paper type (up to ten types) and select the desired configuration whenever you print on a particular stock.

Creating Paper Configurations

To create a configuration for a specific paper type, make sure the paper you want to configure is loaded in the printer. Then follow these steps:

1. Press Menu, then press ▲ or ▼ to select PAPER SETUP.
2. Press ▶, then press ▼ to select CUSTOM PAPER.
3. Press ▶, then press ▼ or ▲ to select a paper configuration number (1 to 10). Press ▶ to save the number setting.
4. Press ▼ or ▲ to select PAPER TYPE, then press ▶. Press ▼ or ▲ to select a media type, then press ▶. Press OK to save it.
5. Press ◀ twice to go back to the previous menu.
6. Press ▼ or ▲ to select PLATEN GAP, then press ▶. Press the ▼ button to select NARROW, STANDARD, WIDE, or WIDER. The STANDARD setting is recommended for most paper types. Press OK to save the setting, then press ◀ to go back to the previous menu.
7. Press ▼ or ▲ to select THICKNESS PATTERN, then press ▶. Press OK to print the paper thickness pattern. A pattern similar to the following is printed:

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
Smallest gap
```
8. Examine the printed pattern for the most evenly overlapping lines. Choose the number with the most even lines. In the example shown above, the lines under number 4 are the most even.

After printing the pattern, **THICKNESS NUMBER** is highlighted.

9. Press ▲ or ▼ to select the number that you noted in step 8, then press OK.

10. Press ◀, then ▼ to select any of the menu options shown below. Make adjustments as needed, and press OK to save each setting. Then press ◀ to return to the menu.

You can also make similar settings using the printer driver software. For instructions, see page 112 (Mac OS X) or page 141 (Windows).

- **PAPER FEED ADJUST** helps eliminate banding. Choose a lower value if you see white lines on your prints, or a higher value if you see dark lines.

- **DRYING TIME** lets you print with non-Epson media and avoid smearing the ink. You can make the print head wait up to 10 seconds after each pass to allow ink to dry on the page.

- **PAPER SUCTION** lets you decrease the paper suction level when printing on thin media (under 12 lb), such as drafting paper or backlight film.

- **SET ROLL PAPER TENSION** lets you adjust the tension to **HIGH** or **HIGHER** for cloth or thin paper, or if the paper wrinkles during printing.

- **REMOVE SKEW** helps reduce paper skew for very thin media or film.

11. When done, press  ■  ■.
Printing Your Paper Configurations

You can print a list showing the settings for all your paper configurations. This makes it easy to select the configuration you want for a particular type of paper.

1. Press Menu, then press ▼ to highlight TEST PRINT. Press ▶ again.
2. Press ▼ to select CUSTOM PAPER, then press ▶.
3. Press OK to print your custom paper configurations.

Selecting Paper Configurations

Once you have created a paper configuration, you can select it whenever you print on that paper:

1. Press Menu, then press ▲ or ▼ to select PAPER SETUP.
2. Press ▶, then press ▼ to select PAPER TYPE, then press ▶.
3. Press ▼ to select CUSTOM PAPER, then press ▶.
4. Press ▲ or ▼ to select the configuration you want to use.
5. Press OK. The configuration number you selected is displayed on the LCD with a check mark.
6. Press to exit the menu. The configuration you selected is displayed on the LCD.
Your Epson Stylus Pro 7900 or Pro 9900 comes with drivers and utilities that let you print and manage print jobs. For the best black and white photography output, the Epson driver offers an Advanced Black and White Photo mode.

ICC profiles for ColorSync® are included, so you can use color management features in Adobe® Photoshop® or other applications, or in the driver itself. A color-managed workflow using Photoshop and a color-calibrated monitor will give you the most accurate colors and best output from your printer for color photos. See your on-screen User's Guide for instructions.

You can create your own profiles if you have the required hardware and software, or you can have them created by a color specialist. Make sure any profiles you want to use are located in the standard folder for your operating system. When you install the Epson printer driver, the ready-made profiles are automatically copied to the right folder.

Before you print, make sure you have installed the Epson printer driver and utilities from the CD-ROM. If you are using Mac OS X 10.4, you also need to configure your connection and set up the printer in the Printer Setup Utility. For instructions on installing and configuring the printer driver, see page 49.

If you plan on printing borderless images on roll paper, check the guidelines on page 88 to size your image correctly.

This chapter includes the following information for Mac OS X:

- Choosing page setup settings for cut sheets and roll paper
- Choosing basic print options
- Choosing color management options
- Choosing paper configuration settings
- Choosing roll paper options
- Controlling expansion of borderless images
- Choosing advanced black and white photo settings
- Creating a custom preset and printing
- Managing print jobs
Sizing Images for Borderless Printing on Roll Paper

For true borderless printing on roll paper, you can select a Paper Size setting with an Auto Expand or Retain Size option, or create a custom paper size, as described on page 106. Your image may be clipped on the left and right edges, but you can minimize clipping by sizing your image according to the paper width and by adjusting the length by adding 0.1 inch (2.54 mm) to it.

Paper sizes with the Auto Expand option provide the best solution for borderless printing with minimal image clipping. Using this setting, you can create an image width almost equal to the width of the roll media. If you use a paper size with the Retain Size option, you should create an image slightly wider than the actual width of the roll media. Or you can create a custom paper size and select the Retain Size option. See the table below for guidelines:

<table>
<thead>
<tr>
<th>Roll paper width (inches)</th>
<th>Image width (with Auto Expand)</th>
<th>Image width (with Retain Size)</th>
<th>Custom paper size (with Retain Size)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 inches (254 mm)</td>
<td>9.7075 inches (246.57 mm)</td>
<td>10.34 inches (262.6 mm)</td>
<td>10.23 inches (259.8 mm)</td>
</tr>
<tr>
<td>13 inches (330 mm)</td>
<td>12.8 inches (325.1 mm)</td>
<td>13.34 inches (338.8 mm)</td>
<td>13.23 inches (336.0 mm)</td>
</tr>
<tr>
<td>16 inches (406 mm)</td>
<td>15.8 inches (401.3 mm)</td>
<td>16.34 inches (415.0 mm)</td>
<td>16.23 inches (412.2 mm)</td>
</tr>
<tr>
<td>17 inches (432 mm)</td>
<td>16.8 inches (426.7 mm)</td>
<td>17.34 inches (440.4 mm)</td>
<td>17.23 inches (437.6 mm)</td>
</tr>
<tr>
<td>24 inches (610 mm)</td>
<td>23.8 inches (604.5 mm)</td>
<td>24.34 inches (618.2 mm)</td>
<td>24.23 inches (615.4 mm)</td>
</tr>
<tr>
<td>36 inches* (914 mm)</td>
<td>35.8 inches (909.3 mm)</td>
<td>36.34 inches (923.0 mm)</td>
<td>36.23 inches (920.2 mm)</td>
</tr>
<tr>
<td>44 inches* (1118 mm)</td>
<td>43.8 inches (1112.5 mm)</td>
<td>44.34 inches (1126.2 mm)</td>
<td>44.23 inches (1123.4 mm)</td>
</tr>
</tbody>
</table>

* Epson Stylus Pro 9900 only

Note: Make sure you set the margins to zero when printing a custom page size for borderless printing.
Printing With Mac OS X 10.5

If you’re using Mac OS X 10.5, follow the instructions below. If you’re using Mac OS X 10.4, see page 106.

Choosing Page Setup and Basic Print Options

You can choose from several options for printing on cut sheets or roll paper. You can also select the orientation of your image and the paper size. For printing on roll media, creating a custom page size is recommended to make the best use of your paper.

Note the following limitations on borderless printing:

- Borderless printing takes longer than normal printing.
- Margins are required at the top and bottom of the page on cut sheets. Full borderless printing is available on roll paper only.

Once you have selected your page setup options, you need to select printing options. The Epson driver offers automatic settings that optimize print quality and speed when you’re using Epson media. You can also choose additional settings for more control over your printer and color output.

1. Open the file you want to print and select Print in your application.
2. Click the arrow to expand the Print window, if necessary.

Note: Many application settings override the printer’s page setup options. Always verify settings to get the results you expect.

If your application has margin settings, make sure they’re turned off for borderless printing.
3. Choose your printer from the Printer menu.

![Select your printer](image)

**Note:** If you need more information about print options, click the ? button.

**Note:** If you don’t see the Paper Size setting in the Print window, check for it in your application before printing. For example, you may be able to select it by opening the File menu and selecting Page Setup.

4. Click the Paper Size drop-down menu.
   - If you’re printing on a cut sheet, choose the size of the paper you are using and one of the options listed below. Then continue with step 6.
   - If you’re using roll paper, Epson recommends that you create a custom paper size to make the best use of your paper. See step 5 for instructions.
Also be sure to select roll paper options, as described on page 98.

The following settings are available, depending on the size you choose:

- **Sheet size** setting prints on cut sheet paper with a bottom margin larger than the top and sides.

- **Sheet - Borderless (Auto Expand)** prints on cut sheets and enlarges your image (up to 3%) to fit the width of the paper (without side borders).

- **Sheet - Borderless (Retain Size)** prints your image at the size you specify in your application. You need to size it slightly wider than the paper width to print without side borders.

- **Roll Paper - Borderless (Auto Expand)** prints without borders on roll paper and enlarges your image (up to 3%) to fit the size of the paper. This selection is recommended for borderless printing with minimal clipping of your image. See page 88 for more information.

- **Roll Paper - Borderless (Retain Size)** prints your image on roll paper at the size you specify in your application. You need to size it slightly wider than the paper width to print without borders. See page 88 for more information.
• Roll Paper - Banner prints a series of continuous images without any margin space between them, but with normal side borders.

• Roll Paper - Borderless Banner prints a series of continuous borderless images without space between them.

5. If you are printing on roll paper, choose Manage Custom Sizes from the Paper Size menu.

(If you are printing on a cut sheet, skip to step 6.)

![Custom Page Sizes dialog]

Click to create a custom page size

Click the + (plus sign), double-click Untitled and give your paper size a name, then define its size and margins and click OK.

Select your new page size from the Paper Size drop-down menu.

6. Choose the appropriate Orientation and Scale for printing.
7. Select Printer Settings from the drop-down menu. You see this screen:

8. If you created a custom paper size for your roll paper, select the Auto Expand or Retain Size option in the Paper Size drop-down menu. See page 88 for details.

9. Select the Media Type that corresponds to the paper you are printing on. See the table on page 121 for more information.

10. For the Print Mode setting, select one of the following:
   - AccuPhoto™ HDR for any type of photographic printing. If you are printing 16-bit color images, select 16 Bit Output for the most accurate transitions and gradations.
   - Advanced B&W Photo if you are printing black and white photos using this unique printer technology on select paper types. See page 116 for more information. (For paper types that don’t support this option, print black and white photos with the Color setting.)
• **Black** only if you’re printing line drawings or other non-photographic images.

11. Set the **Color Mode** option as follows:

• Select **(Off) No Color Adjustment** to disable color management in the printer driver. Choose this mode when you use a color-managed ICC workflow in Photoshop or another software application. See your on-screen *User’s Guide* for instructions.

• Select **Use Generic RGB** only for files that do not have color profiles. Normally you will not need to use this option.

• Select **Color Controls**, then choose one of the mode settings shown at the left in the drop-down menu:

  **Business Graphics** intensifies colors and lightens the midtones and highlights of an image. Use this setting for presentation graphics.

  **EPSON Standard (sRGB)** increases the contrast in images. Use this setting for color photographs.

  **Adobe RGB** matches image colors to the Adobe RGB color standard. Use this setting if your source file was captured in Adobe RGB.
12. Choose one of the following Print Quality settings:

- Draft - 180 dpi
- Draft - 360 dpi
- Fine - 720 dpi
- Fine - 1440 dpi
- SuperPhoto - 1440 dpi
- SuperPhoto - 2880 dpi

Note: The Print Quality settings available depend on the Media Type you selected. Choose a lower print quality setting for faster printing or SuperPhoto - 2880 dpi for the best quality.

13. Choose any of the following advanced options:

- Super MicroWeave® for maximum elimination of banding (may not be available for certain media types).
- High Speed for fast, bidirectional printing. For higher quality, make sure you deselect this option.
- Flip Horizontal for printing a mirror image of your file.
- Finest Detail for sharper edges on vector-based data including text, graphics, and line art. (This setting does not affect photographs and is not recommended for large files.)

Continue with the instructions on page 96 to select color management settings. If you are using the color management settings in Photoshop or another application, it is very important to turn off color management in the printer driver.
Choosing Color Management Options

Follow these instructions to use color management in the printer driver.

1. Select **Color Matching** from the drop-down menu. You see this screen:

   ![Printer Driver Screen]

2. Select one of the following settings:

   - **EPSON Color Controls** to use a Color Mode (see page 94) that selects the main method of printing colors for photos and graphics.
   
   - **ColorSync** for mapping colors to your printer’s profile (for ColorSync-compatible applications only). Leave the Profile setting set to **Automatic**. This allows the printer software to select the profile that matches the Media Type setting you selected. In most cases, you will get better results by applying color management in your application, rather than in the printer driver.
Choosing Advanced Media Control Options

Follow these instructions if you are using non-Epson media and you need to fine-tune its performance.

1. Select **Advanced Media Control** from the drop-down menu. You see this screen:

![Advanced Media Control Settings](image)

2. Select the correct settings to match your ICC profile. These settings override any paper configuration settings you may have made using the printer’s control panel.

- **Color Density** lets you control the ink saturation level.
- **Drying Time per Print Head Pass** lets you print with non-Epson media and avoid smearing the ink. You can make the print head wait up to 5 seconds after each pass to allow ink to dry on the page.
- **Paper Feed Adjustment** helps reduce banding. Choose a lower value if you see white lines on your prints, or a higher value if you see dark lines.

**Note:** You may need to change the Color Density setting if your custom color profile was created to optimize D-max and color gamut.
• **Paper Thickness** helps reduce vertical banding and creates a sharper image when printing on unusually thick or thin paper.

• **Paper Suction** lets you decrease the paper suction level when printing on thinner papers (less than 12 lb), such as CAD drafting paper.

• **Platen Gap** lets you fine-tune the setting for various paper thicknesses.

• **Roll Paper Back Tension** lets you adjust the tension when printing on roll paper. Change the value if you find wrinkles on your printouts when Auto is selected.

### Choosing Roll Paper Options

If you are printing on roll paper, make sure you choose one of the roll paper options as the **Paper Size** setting, as described on page 90. In addition, you need to check these settings for various cutting and feeding options.

1. Select **Roll Paper Settings** from the drop-down menu. You see this screen:
2. Choose one of the following Auto Cut Settings:
   - **Normal Cut** allows margin space at the top and bottom of each image.
   - **Double Cut** extends the space between the images and trims each print individually. This provides the cleanest edge for borderless printing.
   - **Single Cut** allows images to be printed end-to-end and saves paper. With borderless printing, you may see a sliver of the previous or next image if you print multiple images in one print job. You will see a white margin between print jobs.
   - **Off** disables automatic cutting. Choose this setting if you want to operate the cutter manually, use the optional Auto Take-Up Reel, or print multiple print jobs without cutting.

   ![Normal Cut](image1)
   ![Double Cut](image2)
   ![Single Cut](image3)

   **Note:** These settings override settings made through the control panel.

3. Select the following options, if desired:
   - **Auto Rotate** saves paper if your document length is shorter than the printable width of the roll. The document is automatically rotated 90 degrees and printed crosswise. When this option is checked, be sure to select the width of your roll paper from the drop-down menu.
   - **Print Page Line** prints trim lines on the right and bottom edges of your pages.
   - **Save Roll Paper** saves paper by not feeding the blank portion of the last page of your document (available only when you’ve selected a Paper Size setting with the Roll Paper - Banner option).
Controlling Borderless Image Expansion

To control the amount of expansion when printing using a Paper Size with the Auto Expand option, select Roll Paper Settings from the drop-down menu. You see this screen:

Adjust the slider to increase or decrease the amount of expansion.

The widths shown in the table on page 88 work with the Standard Expansion setting.

- Use the Min setting to minimize the amount of image clipping. You may see a white border around your image.
- Use the Max setting to maximize the image width. This will increase the amount of image clipping.
Choosing Advanced Black and White Photo Settings

Advanced Black and White Photo mode allows you to easily produce neutral and toned black-and-white prints using your Epson driver. This mode offers an alternative black and white workflow with settings for more advanced control.

Whether your photo is color or grayscale, you can use this unique screening and color management technology to create stunning black-and-white prints. This mode is only available when printing on certain media types.

1. Select Printer Settings from the drop-down menu.

2. Choose the Media Type setting for the paper you have loaded in the printer. (See page 121 for instructions.)

3. Choose Advanced B&W Photo as the Print Mode setting.

![Printer Settings](image)

**Note:** If you are printing from Photoshop, make sure you do not use Photoshop’s color management settings when using Advanced Black and White Photo mode. There are no profiles associated with this screening and color management technology.

**Note:** If Advanced Black and White Photo is not available for your media type, you may need to change your black ink mode. See page 163 for more information.
4. Uncheck **High Speed** for the best quality.

5. Click **Advanced Color Settings**. You see this screen:

![Advanced Color Settings](image)

6. Choose the settings that are best for your photo.

   - **Color Toning** allows you to add tone (hue) to your black and white output. The default is **Neutral**, which will provide you with a neutral tonal scale print. You can also choose other popular presets such as **Cool**, **Warm**, and **Sepia**. Note that the presets affect the target found in the tone color circle.

   - **Tone** allows you to easily change the entire tonal scale of your black and white output. While **Darker** is the default setting, you may see better results if you choose **Dark**.

   - **Brightness** adjusts the overall lightness and darkness of your image.
• **Contrast** adjusts the difference between the light and dark areas of your image.

• **Shadow Tonality** and **Highlight Tonality** allow you to control tonality only in the shadow or highlight areas of your image.

• **Max Optical Density** adjusts the overall density or focus of the print. Create a soft focus print by setting the density lower.

• **Highlight Point Shift** helps to reduce gloss differential by adding density to the highlights of your image.

• The tone color circle adjusts the hue of your black and white print. Click on any portion of the color wheel or enter corresponding values to customize the tone (hue) added to your print. The closer you select to the edge of the wheel, the more color you add.

The preview image approximates the image tone based on your settings. Note that this preview always shows the same image and is not color managed. It provides a level of feedback as you make changes.

### Creating a Custom Preset and Printing

Once you’ve made the correct settings for your print job, create a custom preset. This will save you time when you use the same profile/printer/ink/media combination for future print jobs.

1. Select **Summary** from the drop-down menu.
2. After verifying that your settings are correct, select **Save As** from the **Presets** drop-down menu.

![Image of a printer interface showing Save Preset As dialog box.

**Caution:** Do not open and close the **Presets** menu without typing a name, or you will lose your settings.

3. Type a name for your custom preset and click **OK**.

4. When you’re ready to print, click the **Print** button.

Whenever you want to print with your custom preset, select it from the **Presets** drop-down menu.
Managing Print Jobs

After you click Print, you can monitor the progress of your print job. Follow these steps:

1. Click the icon for your printer on the Dock. If necessary, double-click your printer (and print queue) name. You see a screen like this:

   ![Image of printer status](image)

   **Note:** If it is no longer spooling in the computer, you can also cancel a print job by pressing the button on the printer, selecting JOB CANCEL, and pressing the OK button.

2. From here you can monitor the progress of your print job or do one of the following:
   - Click the print job, then click **Delete** to cancel the job
   - Click the print job, then click **Hold** to pause printing
   - Click a print job marked “Hold” and click **Resume** to resume printing

3. When you’re finished, close the print job window, then close your printer window.
Printing With Mac OS X 10.4

If you’re using Mac OS X 10.4, follow the instructions below. If you’re using Mac OS X 10.5, see page 89.

Choosing Page Setup Options

Page Setup options let you choose from several options for printing on cut sheets or roll paper. You can also select the orientation of your image and the paper size. For printing on roll media, creating a custom page size is recommended to make the best use of your paper.

Note the following limitations on borderless printing:

- Borderless printing takes longer than normal printing.
- Margins are required at the top and bottom of the page on cut sheets. Full borderless printing is available on roll paper only.

1. Open the file you want to print and select Page Setup in your application. You see this screen:

![Page Setup Options](image)

Select your printer

2. Open the Format for drop-down menu and select your printer.
3. Click the **Paper Size** drop-down menu.

   - If you’re printing on a cut sheet, choose the size of the paper you are using and one of the options listed below. Then continue with step 5.
   - If you’re using roll paper, Epson recommends that you create a custom paper size to make the best use of your paper. See step 4 for instructions. Also be sure to select roll paper options, as described on page 114.

<table>
<thead>
<tr>
<th>Paper Size Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>A4</td>
</tr>
<tr>
<td>A3</td>
</tr>
<tr>
<td>Super A3 / B</td>
</tr>
<tr>
<td>Super A3 / B (Roll Paper – Borderless (Retain Size))</td>
</tr>
<tr>
<td>A2</td>
</tr>
<tr>
<td>A1</td>
</tr>
<tr>
<td>A1 (Roll Paper – Borderless (Retain Size))</td>
</tr>
<tr>
<td>Super A1</td>
</tr>
<tr>
<td>Super A1 (Roll Paper – Borderless (Retain Size))</td>
</tr>
<tr>
<td>Letter (Roll Paper)</td>
</tr>
<tr>
<td>B 11 x 17 in</td>
</tr>
<tr>
<td>B 17 x 22 in</td>
</tr>
<tr>
<td>B 22 x 34 in</td>
</tr>
<tr>
<td>ARCH A 9 x 12 in</td>
</tr>
<tr>
<td>ARCH B 12 x 18 in</td>
</tr>
<tr>
<td>ARCH C 18 x 24 in</td>
</tr>
<tr>
<td>B3</td>
</tr>
<tr>
<td>B2</td>
</tr>
<tr>
<td>B2 (Roll Paper – Borderless (Retain Size))</td>
</tr>
<tr>
<td>8 x 10 in</td>
</tr>
<tr>
<td>10 x 12 in</td>
</tr>
<tr>
<td>10 x 12 in (Roll Paper – Borderless (Retain Size))</td>
</tr>
<tr>
<td>11 x 14 in</td>
</tr>
<tr>
<td>12 x 12 in</td>
</tr>
<tr>
<td>16 x 20 in</td>
</tr>
<tr>
<td>16 x 20 in (Roll Paper – Borderless (Retain Size))</td>
</tr>
</tbody>
</table>

   Select the paper size, then choose the setting

   ![Paper Size Options](image)

The following settings are available, depending on the size you choose:

   - **Sheet size** setting prints on cut sheet paper with a bottom margin larger than the top and sides.
   - **Sheet - Borderless (Auto Expand)** prints on cut sheets and enlarges your image (up to 3%) to fit the width of the paper (without side borders).
   - **Sheet - Borderless (Retain Size)** prints your image at the size you specify in your application. You need to size it slightly wider than the paper width to print without side borders.
- **Roll Paper - Borderless (Auto Expand)** prints without borders on roll paper and enlarges your image (up to 3%) to fit the size of the paper. This selection is recommended for borderless printing with minimal clipping of your image. See page 88 for more information.

- **Roll Paper - Borderless (Retain Size)** prints your image on roll paper at the size you specify in your application. You need to size it slightly wider than the paper width to print without borders. See page 88 for more information.

- **Roll Paper - Banner** prints a series of continuous images without any margin space between them, but with normal side borders.

- **Roll Paper - Borderless Banner** prints a series of continuous borderless images without space between them.

4. If you are printing on roll paper, choose *Manage Custom Sizes* from the *Paper Size* menu.

   (If you are printing on a cut sheet, skip to step 5.)

   ![Custom Page Sizes](image)

   Click the + (plus sign), double-click *Untitled* and give your paper size a name, then define its size and margins and click **OK**.

   Select your new page size from the *Paper Size* drop-down menu.

5. Choose the appropriate *Orientation* and *Scale* for printing.

6. Click **OK**. Then continue with the instructions in the next section.
Choosing Basic Print Options

Once you have selected your page setup options, you need to select printing options. The Epson driver offers automatic settings that optimize print quality and speed when you’re using Epson media. You can also choose additional settings for more control over your printer and color output.

1. Select Print in your application. You see the screen shown below:

![Print screen](image)

   - Select your printer

2. Choose your printer from the Printer menu.
3. Select **Print Settings** from the Copies & Pages drop-down menu. You see this screen:

![Print Settings Screen](image)

**Note:** In certain programs, you may need to select **Advanced** before you can select **Print Settings**. For more information about printer settings, click the ? button.

4. If you created a custom paper size for your roll paper, select the **Auto Expand** or **Retain Size** option in the Page Setup drop-down menu. See page 88 for details.

5. Select the **Media Type** that corresponds to the paper you are printing on. See the table on page 121 for more information.

If you are using a color-managed workflow, make sure you choose media type and resolution settings that match the ICC profile you are using.

6. For the **Color** setting, select one of the following:

   - **Color** for any type of photographic printing.
   - **Advanced B&W Photo** if you are printing black and white photos using this unique printer technology on select paper types. See page 116 for more information. (For paper types that don’t support this option, print black and white photos with the **Color** setting.)
   - **Black** only if you’re printing line drawings or other non-photographic images.
7. Set the **Mode** option as follows:

- Click **Automatic** to have the printer driver analyze the contents of your image or file and make the appropriate printing adjustments. If a **Quality/Speed** slider appears, set it according to the priorities of your print job.

You can choose one of the mode settings shown at the left in the drop-down menu:

- **Charts and Graphs** intensifies colors and lightens the midtones and highlights of an image. Use this setting for presentation graphics.

- **EPSON Standard (sRGB)** increases the contrast in images. Use this setting for color photographs.

- **Adobe RGB** matches image colors to the Adobe RGB color standard.

- Click **Advanced Settings** to access additional options, as described in the remaining steps.

8. Choose one of the following **Print Quality** settings:

- **Draft**
- **Normal - 360dpi**
- **Fine - 720dpi**
- **Fine - 1440dpi**
- **SuperFine - 1440dpi**
- **SuperPhoto - 2880dpi**

9. Choose any of the following advanced options:

- **Super MicroWeave** for maximum elimination of banding (may not be accessible for certain media types).

- **High Speed** for fast, bidirectional printing. For higher quality, make sure you deselect this option.

- **Flip Horizontal** for printing a mirror image of your file.

- **Finest Detail** for sharper edges on vector-based data including text, graphics, and line art. (This setting does not affect photographs and is not recommended for large files.)
Choose Color Management Options

Follow these instructions to use color management in the printer driver.

1. Select Printer Color Management from the drop-down menu, then click Advanced Settings. You see this screen:

2. Select one of the following settings:
   - **Color Controls** to choose from three color adjustment modes and from two Gamma settings. Click the arrow next to Advanced Settings to specify individual values for brightness, contrast, saturation, and CMY inks. When you use the driver to perform color management, make sure you turn it off in your application.
• **ColorSync** for mapping colors to your printer’s profile. In most cases, you will get better results by applying color management in your application, rather than in the printer driver. If you choose this setting, you can choose ColorSync from the drop-down menu and choose filters or other settings.

• **(Off) No Color Adjustment** to disable color management in the printer driver. Choose this mode when you use a color-managed ICC workflow in Photoshop or another software application. See your on-screen *User’s Guide* for instructions.

**Choosing Paper Configuration Options**

Follow these instructions if you are using non-Epson media and you need to fine-tune its performance.

1. Select **Paper Configuration** from the drop-down menu. You see this screen:

   ![Paper Configuration Screen](image)

   - **Color Density** lets you control the ink saturation level.
   - **Drying Time per Print Head Pass**
   - **Paper Feed Adjustment**
   - **Paper Thickness**
   - **Paper Suction**
   - **Platen Gap**
   - **Roll Paper Back Tension**

2. Select the correct settings to match your ICC profile. These settings override any paper configuration settings you may have made using the printer’s control panel.

   • **Color Density** lets you control the ink saturation level.
• **Drying Time per Print Head Pass** lets you print with non-Epson media and avoid smearing the ink. You can make the print head wait up to 5 seconds after each pass to allow ink to dry on the page.

• **Paper Feed Adjustment** helps reduce banding. Choose a lower value if you see white lines on your prints, or a higher value if you see dark lines.

• **Paper Thickness** helps reduce vertical banding and creates a sharper image when printing on unusually thick or thin paper.

• **Paper Suction** lets you decrease the paper suction level when printing on thinner papers (less than 12 lb), such as CAD drafting paper.

• **Platen Gap** lets you fine-tune the setting for various paper thicknesses.

• **Roll Paper Back Tension** lets you adjust the tension when printing on roll paper. Change the value if you find wrinkles on your printouts when **Auto** is selected.

### Choosing Roll Paper Options

If you are printing on roll paper, make sure you choose one of the roll paper options as the **Paper Size** setting, as described on page 106. In addition, you need to check these settings for various cutting and feeding options.

1. Select **Roll Paper Option** from the drop-down menu. You see this screen:

   ![Roll Paper Option Screen](image)

2. Choose one of the following **Auto Cut** settings:
• **Normal Cut** allows margin space at the top and bottom of each image.

• **Double Cut** extends the space between the images and trims each print individually. This provides the cleanest edge for borderless printing.

• **Single Cut** allows images to be printed end-to-end and saves paper. With borderless printing, you may see a sliver of the previous or next image if you print multiple images in one print job. You will see a white margin between print jobs.

• **Off** disables automatic cutting. Choose this setting if you want to operate the cutter manually, use the optional Auto Take-Up Reel, or print multiple print jobs without cutting.

  See page 70 for instructions on using the " button to operate the cutter.

3. Select either of the following options, if desired (available only when you’ve selected a Paper Size setting with the **Roll Paper - Banner** option):

• **Print Page Line** prints trim lines on the right and bottom edges of your pages.

• **Save Roll Paper** saves paper by not feeding the blank portion of the last page of your document.

**Note:** These settings override settings made through the control panel.
Controlling Borderless Image Expansion

To control the amount of expansion when printing using a Paper Size with the Auto Expand option, select Expansion from the drop-down menu. You see this screen:

Adjust the slider to increase or decrease the amount of expansion.

The widths shown in the table on page 88 work with the Standard Expansion setting.

- Use the Min setting to minimize the amount of image clipping. You may see a white border around your image.
- Use the Max setting to maximize the image width. This will increase the amount of image clipping.

Choosing Advanced Black and White Photo Settings

Advanced Black and White Photo mode allows you to easily produce neutral and toned black-and-white prints using your Epson driver. This mode offers an alternative black and white workflow with settings for more advanced control.

Whether your photo is color or grayscale, you can use this unique screening and color management technology to create stunning black-and-white prints. This mode is only available when printing on certain media types.
1. Select Print Settings from the drop-down menu.

2. Choose the Media Type setting for the paper you have loaded in the printer. (See page 121 for instructions.)

3. Choose Advanced B&W Photo as the Color setting.

Note: If Advanced Black and White Photo is not available for your media type, you may need to change your black ink cartridge. See page 163 for more information.

5. Select **Printer Color Management** from the drop-down menu. You see this screen:

6. Choose the settings that are best for your photo.

   - **Color Toning** allows you to add tone (hue) to your black and white output. The default is **Neutral**, which will provide you with a neutral tonal scale print. You can also choose other popular presets such as **Cool**, **Warm**, and **Sepia**. Note that the presets affect the target found in the tone color circle.

   - **Tone** allows you to easily change the entire tonal scale of your black and white output. While **Darker** is the default setting, you may see better results if you choose **Dark**.

   - **Brightness** adjusts the overall lightness and darkness of your image.

   - **Contrast** adjusts the difference between the light and dark areas of your image.

   - **Shadow Tonality** and **Highlight Tonality** allow you to control tonality only in the shadow or highlight areas of your image.
• **Max Optical Density** adjusts the overall density or focus of the print. Create a soft focus print by setting the density lower.

• **Highlight Point Shift** helps to reduce gloss differential by adding density to the highlights of your image.

• The tone color circle adjusts the hue of your black and white print. Click on any portion of the color wheel or enter corresponding values to customize the tone (hue) added to your print. The closer you select to the edge of the wheel, the more color you add.

The preview image approximates the image tone based on your settings. Note that this preview always shows the same image and is not color managed. It provides a level of feedback as you make changes.

### Creating a Custom Preset and Printing

Once you’ve made the correct settings for your print job, create a custom preset. This will save you time when you use the same profile/printer/ink/media combination for future print jobs.

1. Select **Summary** from the drop-down menu.

2. After verifying that your settings are correct, select **Save As** from the **Presets** drop-down menu.

3. Type a name for your custom preset and click **OK**.

4. When you’re ready to print, click the **Print** button.

Whenever you want to print with your custom preset, select it from the **Presets** drop-down menu.
Managing Print Jobs

After you click Print, you can monitor the progress of your print job. Follow these steps:

1. Click the icon for your printer on the Dock. If necessary, double-click your printer (and print queue) name. You see a screen like this:

2. From here you can monitor the progress of your print job or do one of the following:
   - Click the print job, then click Delete to cancel the job
   - Click the print job, then click Hold to pause printing
   - Click a print job marked “Hold” and click Resume to resume printing

3. When you’re finished, close the print job window, then close your printer window.

Note: If it is no longer spooling in the computer, you can also cancel a print job by pressing the Pause/reset button button on the printer, selecting JOB CANCEL, and pressing the OK button.
Selecting the Correct Media Type Setting

The following table lists the settings designed to produce the best results on Epson media.

If your paper is not listed, check the instructions included with the paper, or look on the Epson website www.proimaging.epson.com (U.S. sales), www.epson.ca (Canadian sales). If you are using non-Epson paper, consult the manufacturer for the best setting. You may have to experiment with different settings to determine which one is best for the media you’re using.

<table>
<thead>
<tr>
<th>For this media</th>
<th>Select this Media Type setting*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Premium Luster Photo Paper (260)</td>
<td>Premium Luster Photo Paper (260)</td>
</tr>
<tr>
<td>Premium Glossy Photo Paper (250)</td>
<td>Premium Glossy Photo Paper (250)</td>
</tr>
<tr>
<td>Premium Semigloss Photo Paper (250)</td>
<td>Premium Semigloss Photo Paper (250)</td>
</tr>
<tr>
<td>Premium Semimatte Photo Paper (260)</td>
<td>Premium Semimatte Photo Paper (260)</td>
</tr>
<tr>
<td>Premium Glossy Photo Paper (170)</td>
<td>Premium Glossy Photo Paper (170)</td>
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<tr>
<td>Premium Semigloss Photo Paper (170)</td>
<td>Premium Semigloss Photo Paper (170)</td>
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<tr>
<td>Premium Glossy Photo Paper</td>
<td>Premium Glossy Photo Paper</td>
</tr>
<tr>
<td>Premium Photo Paper Glossy</td>
<td>Premium Photo Paper Glossy</td>
</tr>
<tr>
<td>Premium Semigloss Photo Paper</td>
<td>Premium Semigloss Photo Paper</td>
</tr>
<tr>
<td>Premium Luster Photo Paper</td>
<td>Premium Luster Photo Paper</td>
</tr>
<tr>
<td>Ultra Premium Photo Paper Luster</td>
<td>Ultra Premium Photo Paper Luster</td>
</tr>
<tr>
<td>Proofing Paper White Semimatte</td>
<td>Epson Proofing Paper White Semimatte</td>
</tr>
<tr>
<td>Proofing Paper Publication</td>
<td>Epson Proofing Paper Publication</td>
</tr>
<tr>
<td>Proofing Paper Commercial</td>
<td>Epson Proofing Paper Commercial</td>
</tr>
<tr>
<td>Proofing Paper Commercial Semimatte</td>
<td>Epson Proofing Paper Commercial</td>
</tr>
<tr>
<td>Velvet Fine Art Paper</td>
<td>Velvet Fine Art Paper</td>
</tr>
<tr>
<td>Watercolor Paper - Radiant White</td>
<td>Watercolor Paper - Radiant White</td>
</tr>
<tr>
<td>Premium Canvas Satin</td>
<td>Premium Canvas Satin</td>
</tr>
<tr>
<td>PremierArt Water Resistant Canvas</td>
<td>PremierArt Water Resistant Canvas</td>
</tr>
<tr>
<td>Premium Canvas Matte</td>
<td>Premium Canvas Matte</td>
</tr>
<tr>
<td>Piezo Pro Matte Canvas</td>
<td>Piezo Pro Matte Canvas</td>
</tr>
<tr>
<td>For this media</td>
<td>Select this Media Type setting*</td>
</tr>
<tr>
<td>---------------------------------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>Textured Fine Art Paper</td>
<td>Textured Fine Art Paper</td>
</tr>
<tr>
<td>UltraSmooth® Fine Art Paper</td>
<td>UltraSmooth Fine Art Paper</td>
</tr>
<tr>
<td>Canvas</td>
<td>Canvas</td>
</tr>
<tr>
<td>Doubleweight Matte Paper</td>
<td>Doubleweight Matte Paper</td>
</tr>
<tr>
<td>Singleweight Matte Paper</td>
<td>Singleweight Matte Paper</td>
</tr>
<tr>
<td>Presentation Paper Matte</td>
<td>Photo Quality Ink Jet Paper</td>
</tr>
<tr>
<td>Enhanced Matte Paper</td>
<td>Enhanced Matte Paper</td>
</tr>
<tr>
<td>Ultra Premium Presentation Paper Matte</td>
<td>Enhanced Matte Paper</td>
</tr>
<tr>
<td>Somerset® Velvet (roll paper only)</td>
<td>Enhanced Matte Paper</td>
</tr>
<tr>
<td>Plain paper</td>
<td>Plain Paper</td>
</tr>
<tr>
<td>Enhanced Adhesive Synthetic Paper</td>
<td>Enhanced Adhesive Synthetic Paper</td>
</tr>
<tr>
<td>Enhanced Matte Posterboard</td>
<td>Enhanced Matte Poster Board</td>
</tr>
<tr>
<td>Somerset Velvet (cut sheets only)</td>
<td>Enhanced Matte Poster Board</td>
</tr>
</tbody>
</table>

* Other Media Type settings in the list can be used to experiment with other paper types.
Your Epson Stylus Pro 7900 or Pro 9900 comes with drivers and utilities that let you print and manage print jobs. For the best black and white photography output, the Epson printer driver offers Advanced Black and White Photo mode.

ICC profiles are included, so you can use the color management features in Adobe Photoshop or other applications, or in the driver itself. A color-managed workflow using Photoshop and a color-calibrated monitor will give you the most accurate colors and best output from your printer for color photos. See your on-screen User's Guide for instructions.

You can create your own profiles if you have the required hardware and software, or you can have them created by a color specialist. Make sure any profiles you want to use are located in the standard folder for your operating system. When you install the Epson printer driver, the ready-made profiles are automatically copied to the right folder.

Before you print, you need to set basic printing properties. Make sure you have installed the Epson driver and utilities from the CD-ROM. See page 52 for instructions.

If you plan on printing borderless images on roll paper, check the guidelines on page 124 to size your image correctly.

This chapter includes the following information:

- Sizing images for borderless printing on roll paper
- Choosing basic print options
- Choosing color management options
- Choosing roll paper settings
- Choosing cut sheet paper settings
- Choosing page layout options
- Choosing advanced black and white photo settings
- Choosing paper configuration options
- Saving, exporting, and importing groups of settings
- Managing print jobs

Tip: Check the Epson Pro Imaging website at www.proimaging.epson.com for updated drivers and utilities that may become available.
Sizing Images for Borderless Printing on Roll Paper

For true borderless printing on roll paper, you can select either Auto Expand or Retain Size or create a custom paper size, as described on page 132. Your image may be clipped on the left and right edges, but you can minimize clipping by sizing your image according to the roll paper width and by adjusting the length by adding 0.1 inch (2.54 mm) to it.

Auto Expand provides the best solution for borderless printing with minimal image clipping because you can create an image width almost equal to the width of the roll media. If you use Retain Size, you need to size your image slightly wider than the paper width. See the table below for guidelines:

<table>
<thead>
<tr>
<th>Roll paper width</th>
<th>Image width (with Auto Expand)</th>
<th>Image width (with Retain Size)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 inches (254 mm)</td>
<td>9.7075 inches (246.57 mm)</td>
<td>10.25 inches (260.35 mm)</td>
</tr>
<tr>
<td>13 inches (330 mm)</td>
<td>12.8 inches (325.1 mm)</td>
<td>13.25 inches (338.8 mm)</td>
</tr>
<tr>
<td>16 inches (406 mm)</td>
<td>15.8 inches (401.3 mm)</td>
<td>16.25 inches (412.75 mm)</td>
</tr>
<tr>
<td>17 inches (432 mm)</td>
<td>16.8 inches (426.7 mm)</td>
<td>17.25 inches (438.15 mm)</td>
</tr>
<tr>
<td>24 inches (610 mm)</td>
<td>23.8 inches (604.5 mm)</td>
<td>24.25 inches (615.9 mm)</td>
</tr>
<tr>
<td>36 inches* (914 mm)</td>
<td>35.8 inches (909.3 mm)</td>
<td>36.25 inches (920.7 mm)</td>
</tr>
<tr>
<td>44 inches* (1118 mm)</td>
<td>43.8 inches (1112.5 mm)</td>
<td>44.25 inches (1124.0 mm)</td>
</tr>
</tbody>
</table>

* Epson Stylus Pro 9900 only
Choosing Basic Print Options

The driver offers automatic settings that optimize print quality and speed when you’re using Epson media. You can also choose custom settings for more control over your printer and color management options.

Follow these steps to make basic settings:

1. Start an application, open the file you want to print, and select Print in your application. You see the Print window.

2. Make sure your printer is selected, then click the Properties or Preferences button. (If you see a Setup, Printer, or Options button, click it instead. Then click Properties or Preferences.)

You see a window like the following:

Note: If you need more information about print options, you can click the Help button on any screen.
3. Select a **Media Type** setting that corresponds to the paper you are printing on. See the table on page 127 for more information.

   - If you are using a color-managed workflow, make sure you choose media type and resolution settings that match the ICC profile you are using.

   - If you have saved custom media type configurations or set up custom paper configurations, you can select them by clicking the **Custom Settings** button. See page 140 for more information about custom paper configurations.

   - If the media type has been set on the printer’s control panel, select **Auto Acquire**.

**Note:** If a color setting is grayed out, it is not supported for the selected Media Type.

4. For the **Color** setting, select one of the following:

   - **Color** for any type of photographic printing.

   - **Advanced B&W Photo** for printing black and white photos on certain paper types. See page 138 for more information. (For paper types that don’t support this option, print black and white photos using the **Color** setting.)

   - **Black** only if you’re printing line drawings or other non-photographic images.

**Note:** The Print Quality settings depend on the Media Type you selected. Choose lower print quality for faster printing, or **SuperPhoto - 2880dpi** for best quality.

5. For the **Print Quality** setting, choose **Quality** or **Max Quality**. Or choose **Quality Options** to display a window like the following:
Use the Speed/Quality slider to set the desired quality level. Select from the following additional options and click OK:

- **High Speed** for fast, bidirectional printing at lower quality.
- **Edge Smoothing** to improve the quality of low-resolution images.
- **Finest Detail** for sharper edges on vector-based data including text, graphics, and line art. (This setting does not affect photographs and is not recommended for large files.)

6. Set the **Mode** option as follows:

- Click **Automatic** to have the printer driver analyze the contents of your image or file and make the appropriate printing adjustments.

You can choose one of these settings in the drop-down menu:

- **Charts and Graphs** intensifies colors and lightens the midtones and highlights of an image. Use this setting for presentation graphics.
- **EPSON Standard (sRGB)** increases the contrast in images. Use this setting for color photographs.
- **Adobe RGB** matches image colors to the Adobe RGB color standard. Use this setting if your source file was captured in Adobe RGB.

- Click **Custom**, then follow the instructions on page 129 to select color management options.

**Selecting the Correct Media Type Setting**

The table on the next page lists the settings designed to produce the best results on Epson media.

If your paper is not listed, check the instructions included with the paper, or look on the Epson website www.proimaging.epson.com (U.S. sales), www.epson.ca (Canadian sales). If you are using non-Epson paper, consult the manufacturer for the best setting. You may have to experiment with different settings to determine which one is best for the media you’re using.
<table>
<thead>
<tr>
<th>For this media</th>
<th>Select this Media Type setting*</th>
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<tbody>
<tr>
<td><strong>Photo Paper</strong></td>
<td></td>
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<tr>
<td>Premium Luster Photo Paper (260)</td>
<td>Premium Luster Photo Paper (260)</td>
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<tr>
<td>Premium Glossy Photo Paper (250)</td>
<td>Premium Glossy Photo Paper (250)</td>
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<td>Premium Semigloss Photo Paper (250)</td>
<td>Premium Semigloss Photo Paper (250)</td>
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<tr>
<td>Premium Semimatte Photo Paper (260)</td>
<td>Premium Semimatte Photo Paper (260)</td>
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<tr>
<td>Premium Glossy Photo Paper (170)</td>
<td>Premium Glossy Photo Paper (170)</td>
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<tr>
<td>Premium Semigloss Photo Paper (170)</td>
<td>Premium Semigloss Photo Paper (170)</td>
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<td>Premium Photo Paper Glossy</td>
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<tr>
<td>Premium Semigloss Photo Paper</td>
<td>Premium Photo Paper Semi-Gloss</td>
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<tr>
<td>Premium Luster Photo Paper</td>
<td>Ultra Premium Photo Paper Luster</td>
</tr>
<tr>
<td><strong>Proofing Paper</strong></td>
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<tr>
<td>Proofing Paper White Semimatte</td>
<td>Proofing Paper White Semimatte</td>
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<tr>
<td>Proofing Paper Publication</td>
<td>Proofing Paper Publication</td>
</tr>
<tr>
<td>Proofing Paper Commercial</td>
<td>Proofing Paper Commercial</td>
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<tr>
<td>Proofing Paper Commercial Semimatte</td>
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<tr>
<td><strong>Fine Art Paper</strong></td>
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<tr>
<td>Velvet Fine Art Paper</td>
<td>Velvet Fine Art Paper</td>
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<tr>
<td>Watercolor Paper - Radiant White</td>
<td>Watercolor Paper - Radiant White</td>
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<td>Premium Canvas Satin</td>
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<td>PremierArt Water Resistant Canvas</td>
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<tr>
<td>Premium Canvas Matte</td>
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</tr>
<tr>
<td>Piezo Pro Matte Canvas</td>
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<tr>
<td>Textured Fine Art Paper</td>
<td>Textured Fine Art Paper</td>
</tr>
<tr>
<td>UltraSmooth Fine Art Paper</td>
<td>UltraSmooth Fine Art Paper</td>
</tr>
<tr>
<td>Canvas</td>
<td>Canvas</td>
</tr>
</tbody>
</table>
Choosing Color Management Options

The printer driver offers several methods for managing the color in your prints, including turning the driver’s color management settings off.

If you are using color management settings in Photoshop or another application, it is very important to access the advanced settings and turn off color management in the printer driver, as described here. (For instructions on using Photoshop to manage color, see your on-screen User’s Guide.)

1. In the Properties or Preferences window, make sure the Main tab is selected.

2. For the Mode setting, select Custom.
3. Choose one of the following settings (if you select Color Controls, PhotoEnhance™, or ICM, click the Advanced button after you select the setting):

- **Off (No Color Adjustment)** disables color management in the printer driver. Choose this mode when you use a color managed workflow in Photoshop or other software. See your on-screen User’s Guide for instructions.

- **Color Controls** lets you specify individual values for adjusting brightness, contrast, saturation, and CMY inks, or choose from three Printer Color Adjustment modes. You can also choose from two Gamma settings, and use either a color circle or slide bar to adjust color.

*Tip:* If you turn off color management, you can still control the ink density, as described on page 141.
• **PhotoEnhance** allows you to automatically correct images and choose from six Scene Correction settings.

![PhotoEnhance screenshot](image1)

• **ICM** adjusts colors based on the printer’s ICC profile, using the Image Color Matching system. You can choose the input profile and other settings as shown below.

![ICM screenshot](image2)

In most cases, you will get better results by applying color management in your application, rather than in the printer driver. See your on-screen *User’s Guide* for instructions.

4. Click **OK** to save your settings.
Choosing Roll Paper Options

Follow the steps in this section to print on roll paper and select settings for borderless printing and automatic cutting. (If you’re printing on cut sheets, see page 135).

1. On the Properties or Preferences window, make sure the Main tab is selected.

2. For the Source setting, select Roll Paper or Roll Paper (Banner).

   The Roll Paper (Banner) setting allows you to print a series of continuous images without any space between them. This option is not available with all applications, and is mostly for tiling an image.

   Save Roll Paper saves paper by not feeding the blank portion of the last page of your document. Available only if you’ve selected Roll Paper (Banner) as the Source setting.

3. For the Size setting, select the size of your image or output paper.

   To make the best use of your roll paper, creating a custom paper size is recommended. Select User Defined. You see this window:

   ![User Defined Paper Size Window]

   Type a name for your custom size, then enter the size in hundredths of an inch (or centimeters) and click Save. Then click OK.

4. If you want to reduce or enlarge your image, click the Page Layout tab. See page 137 for more information.
5. If you want to print without margins, click **Borderless**. If you’re not printing borderless images, go to step 7.

Note that borderless printing takes longer than normal printing. See page 124 for more information about borderless printing on roll paper.

6. Click the **Expansion** button to select a borderless sizing option. Choose **Auto Expand** or **Retain Size**, then click **OK**.

![Expansion window](image)

**Auto Expand** enlarges your image (up to 3%) to fit the size of the paper. You can use the slider to adjust the expansion.

**Retain Size** prints your image at the size you specify in your application. You need to size it slightly wider than the paper width if you want to print without borders. See page 124 for more information.

The widths shown in the table on page 124 work with the **Standard Expansion** setting.

- Use the **Min** setting to minimize the amount of image clipping. You may see a white border around your image.

- Use the **Max** setting to maximize the image width. This will increase the amount of image clipping.
7. Click the **Roll Paper Option** button. You see this window:

8. Choose one of the following **Auto Cut** settings:
   - **Normal Cut** allows margin space at the top and bottom of each image.
   - **Double Cut** extends the space between images and trims each print individually. This provides the cleanest edge for borderless printing.
   - **Single Cut** allows images to be printed end-to-end and saves paper. With borderless printing, you may see a sliver of the previous or next image if you print multiple images in one print job. You will see a white margin between print jobs.
   - **Off** disables automatic cutting. Choose this setting if you want to operate the cutter manually, use the optional Auto Take-Up Reel, or print multiple print jobs without cutting. See page 70 for instructions on operating the cutter manually.

9. Select these additional roll paper options, if necessary:
   - **Auto Rotate** saves paper if your document length is shorter than the printable width of the roll. The document is automatically rotated 90 degrees and printed crosswise. Be sure to click **Roll Width** and select the width of your roll paper.
   - **Print Page Line** prints trim lines on the right and bottom edges of your pages.

10. When you’re finished, click **OK**.
Choosing Cut Sheet Paper Options

Follow the steps in this section to print on cut sheet paper and select settings for borderless printing, if desired. (If you’re printing on roll paper, see page 132.)

1. On the Properties or Preferences window, make sure the Main tab is selected.

2. For the Source setting, select Sheet.

3. For the Size setting, select the size of the sheet loaded in the printer.
If the size of your paper is not listed, you can create a custom paper size. Select *User Defined*. You see this window:

![User Defined Paper Size](image)

Type a name for your custom size, then enter the size in hundredths of an inch (or centimeters) and click *Save*. Then click *OK*.

4. If you want to center your image on the sheet, click *Printable Area*, then select *Centered*.

5. If you want to print to the edges of the page, click *Borderless* (not available for custom paper sizes). If you’re not printing borderless images, go to step 7.

Note that borderless printing applies only to the left and right sides of the page on cut sheets; margins are required at the top and bottom of the page. For full-bleed borderless printing, use roll paper (see page 132 for instructions).

6. Click the *Expansion* button and choose *Auto Expand* or *Retain Size*:

   - *Auto Expand* enlarges your image (up to 3%) to fit the size of the paper. You can use the slider to control the amount of expansion.
   - *Retain Size* prints your image at the size you specify in your application. You need to size it slightly wider than the paper width if you want to print without borders.

7. If you want to reduce or enlarge your image, click the *Page Layout* tab. See the next section for more information.
Choosing Page Layout Options

You can print a poster-size image, even if your application does not support poster printing. Follow these steps to reduce or enlarge your image:

1. On the Properties or Preferences window, click the Page Layout tab. You see this window:

![Page Layout window](image)

Note: Select Landscape when you want to rotate your image 90°.

2. Select the settings you want for Orientation and Copies.

3. Click Reduce/Enlarge if you want to have the driver resize your image. You can select Fit to Page or Fit to Roll Paper Width, or select Custom and enter a scaling percentage.

4. If you are enlarging your image beyond the limits of your application program, make sure Optimize Enlargement is selected. The driver will increase the image size up to 650% and decrease the output resolution to stay within the pixel limitations. Depending on the resolution of your image and the print size, you may see reduced quality in the print.
5. Click Print Bckg Color if you want to print color on the background of the page. Click the Color Settings button to select the color you want.

6. Click Job Settings if you want to have the time, date, and other information about your print job printed at the top or bottom of the page. Click Details, select the settings you want to use, and click OK.

**Choosing Advanced Black and White Photo Settings**

Advanced Black and White Photo mode allows you to easily produce neutral and toned black-and-white prints using your Epson driver. This mode offers an alternative black and white workflow with settings for more advanced control.

Whether your photo is color or grayscale, you can use this unique screening and color management technology to create stunning black-and-white prints. This mode is available only when printing on certain media types.

1. On the Properties or Preferences window, make sure the Main tab is selected.

2. Select a Media Type setting that corresponds to the paper you are printing on. (See page 127 for instructions.)

3. For the Color setting, choose Advanced B&W Photo.

4. For the Mode setting, select Custom, then click Advanced.
You see this screen:

5. You can adjust the following advanced black and white photo settings:

- **Color Toning** allows you to add tone (hue) to your black and white output. The default is *Neutral*, which will provide you with a neutral tonal scale print. You can also choose other popular presets such as *Cool*, *Warm*, and *Sepia*. Note that the presets will affect the target found in the tone color circle.

- **Tone** allows you to easily change the entire tonal scale of your black and white output. While *Darker* is the default setting, you may see better results if you choose *Dark*.

- **Brightness** adjusts the overall lightness and darkness of your image.

- **Contrast** adjusts the difference between the light and dark areas of your image.

- **Shadow Tonality** and **Highlight Tonality** allow you to control tonality only in the shadow or highlight areas of your image.

- **Max Optical Density** adjusts the overall density or focus of the print. Create a soft focus print by setting the density lower.
• Highlight Point Shift helps to reduce gloss differential by adding density to the highlights of your image or the full page.

• The tone color circle adjusts the hue of your black and white print. Click on any portion of the color wheel or enter corresponding values to customize the tone (hue) you want to add. The closer you select to the edge of the wheel, the more color you add.

The preview image approximates the image tone based on your settings. Note that this preview always shows the same image and is not color managed. It provides a level of feedback as you make changes.

6. When you finish selecting settings, click OK.

Choosing Paper Configuration Options

If you are using non-Epson media and you need to fine-tune its performance, you can create a custom paper configuration and save it as a Media Type setting in the printer driver. Then, whenever you print on that media, you can select the custom Media Type, select the rest of your print settings, and print. You can even export the settings to a file you can share.

1. Click the Paper Config button on the Main tab. You see this window:
2. Select the correct settings to match your ICC profile. These settings override any paper configuration settings you may have made using the printer’s control panel.

- **Color Density** lets you control the ink saturation level (for example, when you turn off color management in your printer software).

- **Drying Time per Print Head Pass** lets you print with non-Epson media and avoid smearing the ink. You can make the print head wait up to 5 seconds after each pass to allow ink to dry on the page.

- **Paper Feed Adjustment** helps reduce banding. Choose a lower value if you see white lines on your prints, or a higher value if you see dark lines.

- **Paper Suction** lets you decrease the paper suction level when printing on thinner papers (less than 12 lb), such as CAD drafting paper.

- **Paper Thickness** helps reduce vertical banding and creates a sharper image when printing on unusually thick or thin paper.

- **Platen Gap** lets you fine-tune the setting for various paper thicknesses.

- **Roll Paper Back Tension** lets you adjust the tension when printing on roll paper. Change the value if you find wrinkles on your printouts when Auto is selected.

3. When you finish selecting Paper Configuration settings, click OK.
4. On the Main tab, select any other necessary setting for your paper in the Media Settings box. (See page 125 through page 131 for details.)
5. Click the **Custom Settings** button. You see a window like this:

6. Verify that your settings are correct, type a name for the custom media type, and click **Save**.

7. After saving your settings, you can do the following:

   - To use the settings to print right away, select the name you gave them in the **Media Type** list. Select the rest of the necessary print settings and print.
   
   - To save the settings to a file that you can share, click the **Custom Settings** button again, click the name of the settings in the list, click **Export**, select a location, enter a file name, and click **Save**.
   
   - To import settings from a file shared with you that does not exist in your Media Type list, click the **Custom Settings** button again, click **Import**, select the file you want to import, and click **Open**. When you return to the window shown above, click **Cancel**.
Saving, Exporting, and Importing Custom Settings

You can save groups of settings so you can reuse them for future print jobs with the same profile/printer/ink/media combination. You can also export them as a file that you can share with others, who can import them for printing.

In addition, the printer driver includes pre-defined setting groups for various types of printing. You can select them to set most of the settings you need, and then customize them for your particular print job.

You can also add, delete, or hide items in the printer driver window to customize the driver for your uses.

Saving and Exporting a Custom Settings Group

1. Follow the instructions in this chapter to select all the correct settings for a print job.

2. Click the Save/Del button at the top of the Main or Page Layout screen. You see a window like this:

3. Verify that your settings are correct, type a name for the settings group, and click Save.
4. After saving your settings, you can do the following:
   
   - To use the setting group to print right away, select the name you gave it in the Select Setting list, if necessary, and print.
   
   - To save the settings to a file that you can share, click the Save/Del button again, click the name of the setting group in the list, click Export, select a location, enter a file name, and click Save.

**Importing a Custom Settings Group**

1. To import settings from a file shared with you that does not exist in your Select Setting list, click the Save/Del button.

2. Click Import, select the file you want to import, and click Open.

3. When you return to the settings list window, click Cancel.

4. To use the setting group to print right away, select the name you gave it in the Select Setting list, if necessary, and print.

**Loading a Pre-Defined Settings Group**

1. To view the settings associated with the pre-defined setting groups that came with your printer driver, click the Save/Del button. Then click the following category and name, and check the Registered Settings column:
   
   - Photo > Highest Quality
   - Fine Art > Monochrome
   - Proofing > ICM
   - Poster > Chroma Saturation
   - Others > 2Page N-up

2. Click Cancel.

3. To load a pre-defined setting group, select its category name in the Select Setting list (if necessary), customize any of the settings that do not match your print job, and print.
Editing Printer Driver Settings

1. Click the Utility tab, then select Menu Arrangement.

2. Select the item you want to edit. You can do the following:
   - Drag and drop the items to rearrange them
   - Add or delete groups
   - Move unused items into the Not Display group

3. When you’re finished, click Save.
Managing Print Jobs

Your printer comes with two utilities that let you check on your print jobs and cancel, pause, or restart them.

The Progress Meter opens each time you send a print job. Status Monitor 3, which appears on the taskbar when you print, lets you check the printer’s status and monitor print jobs. You can control how these programs work using the Speed and Progress and Monitoring Preferences utilities.

Using the Progress Meter

After you send a print job, the Progress Meter window appears:

You can use the Stop button to cancel your print job. You also see how much ink you have left and view printing tips.

If you don’t want the Progress Meter to appear, you can turn it off. See the next section for instructions.
Optimizing Print Speed

You can use the Speed and Progress utility to improve printing speed.

1. Click the Utility tab, then click the Speed and Progress button. You see this window:

   ![Speed and Progress window]

   **Note:** If you want to disable display of the progress meter during printing, you can click the Show Progress Meter checkbox to deselect it.

2. Select from the following options:
   - **High Speed Copies** speeds up printing of multiple copies of the same document using hard disk space as a cache. If you have multiple hard drives, you can select a different drive to spool to in the High Speed Copy Folder list to the right.
   - **Show Progress Meter** lets you control whether or not the Progress Meter is displayed when you send a print job.
   - **Disable EPSON Status Monitor 3** disables the printer software utilities. Selecting this option is not recommended unless you experience conflicts with other software.
   - **Always spool RAW datatype** lets you spool documents using the RAW format instead of the EMF (metafile) format. Because the RAW format requires fewer resources, printing is faster and you can avoid certain problems, such as insufficient memory or disk space.
   - **Page Rendering Mode** speeds printing by rendering the entire page. Use this setting if print speed is extremely slow or the print head stops for a few minutes while printing. Printing will take longer to start.
- **Coarse Rendering** allows you to override the length or width limitations in applications (such as Photoshop) that restrict the number of pixels you can print.

- **Print as Bitmap** allows large or complex vector graphics to print faster in Adobe Acrobat® or any other non-image based application.

- **Show Mouse Over Help** lets you turn off the tool tips that appear when you move your cursor over the screen.

- **Processed by Printer** allows the halftone output processing to be performed by the printer. This feature speeds up processing, especially for older computers, and ensures that the printer runs at maximum speed. This involves image compression and decompression, and does not affect the quality of your output.

3. Click **OK** to save your settings.
Setting Monitoring Preferences

You can choose when and how you want to be notified of problems, whether you want a Status Monitor 3 icon to appear on your Windows taskbar, and whether you want to allow monitoring by other users who share the printer.

1. Click the Utility tab, then click the Monitoring Preferences button. You see this window:

2. Select the notification options you want to use if various printing events occur.

3. If you want to have the Status Monitor 3 icon appear in your Windows taskbar, click the Shortcut Icon checkbox. Then select the icon to use. When the shortcut is enabled, you can simply double-click the icon to open the Status Monitor 3 window or right-click it, then select Monitoring Preferences in the pop-up menu.

4. Select Allow monitoring of shared printers if your printer is shared and you want to let other users monitor it.

5. Click OK to save your settings.
The Epson Stylus Pro 7900 and Pro 9900 require little maintenance to keep working at their best. This chapter describes the following routine procedures:

- Checking printer status
- Checking and cleaning the print head
- Aligning the print head
- Replacing ink cartridges
- Changing the date and time
- Performing additional maintenance tasks
- Replacing the paper cutter blade
- Replacing the maintenance tank
- Cleaning the printer
- Transporting or storing the printer

In addition to the features described in this chapter, you can also use the menu system on the printer to fine-tune a variety of printer settings. For more information, see the electronic *User's Guide* included on the CD-ROM that came with your printer.

### Checking Printer Status

Using the control panel, you can check the amount of ink remaining, the total number of prints, and the status of your maintenance tank(s), and other information. You can print out a status check (described in the next section), or view the printer’s status on the LCD display (see page 152) or a printer driver screen (see page 153).
Printing Status Information

The status check sheet shows some of the current default settings, the page count, and the status of the maintenance tank.

1. Make sure paper is loaded in the printer.
2. Press ▶ Menu.
3. Press ▼ to select TEST PRINT, then press ▶.
4. Press ▼ to select STATUS SHEET, then press ▶.
5. Press OK to start printing.

Viewing Status Information

1. Press ▶ Menu.
2. Press ▼ to select PRINTER STATUS, then press ▶.
3. Do one of the following:
   - To check the firmware version, press ▶ again. When done, press ◄.
   - To check the amount of ink left, press ▼ to select INK LEVEL, then press ▶. The percentage of ink left in the first cartridge is displayed. Continue pressing ▼ to see the status of the remaining cartridges. When done, press ◄.
   - To check how much capacity the maintenance tank(s) have, press ▼ to select MAINTENANCE TANK, then press ▶. The percentage remaining for each tank is displayed. As the tank is filled, the percentage drops. When done, press ◄.
   - To check job history, press ▼ to select JOB HISTORY, then press ▶. For the last 10 print jobs saved in the printer, you see the ink used (in milliliters) and paper used (in square centimeters). The most recent job is saved as No. 0. When done, press the ◄ button.
   - To check the total number of prints, press ▼ to select TOTAL PRINTS, then press ▶. When done, press ◄.
   - To check the status of the printer for myEpsonPrinter.com, press ▼ to select EDM STATUS, then press ▶. When done, press ◄.

Note: You can replace the ink cartridges, cutter blade, and maintenance tank yourself. Other printer parts need to be replaced by an authorized Epson service technician.

Note: You can change the units of measurement from centimeters to inches and feet using maintenance mode on the printer’s control panel. See page 164 for instructions.
4. Press □ to exit the menu.

For more information about the Printer Status menu, see your on-screen User’s Guide.

Checking Printer Status From the Printer Driver

The Epson Status Monitor utility installed with your printer driver lets you check the levels of ink in the printer and the level of the maintenance tank(s). Follow the steps below to use the utility to check the status.

1. Do one of the following to access the printer utilities:
   - **Mac OS X**: Open the EPSON Printer Utility3 in your Applications folder. Select your printer and click OK.
   - **Windows Vista**: Click , select Control Panel, select Hardware and Sound, and click Printers. Right-click the icon for your printer and select Printing Preferences. Click the Utility tab.
   - **Windows XP**: Click Start and select Control Panel. Double-click Printers and Faxes. Right-click your printer icon and select Printing Preferences. Click the Utility tab.

2. Click the EPSON Status Monitor 3 icon.

**Tip**: On a Macintosh, you can also run maintenance utilities by clicking the Utility button in the print job window or the icon on the printer settings screen.

If you added a shortcut icon for your printer to the Windows taskbar, you can right-click it and select any utility you want to run. See page 150 to add the icon.
The software checks the amount of ink in the printer and maintenance tank(s) and displays one of these windows:

**Checking and Cleaning the Print Head**

If your printed image shows a color shift or horizontal lines, you should check the print head to see if any nozzles are clogged or deflected. If necessary, you can run a cleaning cycle to clear the nozzles.

You can also turn on Auto Nozzle Check from the printer’s control panel. The printer will then check the nozzles periodically or before each print job and clean them if necessary.

**Running the Nozzle Check and Head Cleaning Utilities**

Follow these steps to use your printer software to check the print head nozzles and clean them if necessary:

1. Make sure paper is loaded in the printer.
2. Do one of the following to access the printer utilities:
   - **Mac OS X**: Open the EPSON Printer Utility3 in your Applications folder. Select your printer and click OK.
   - **Windows Vista**: Click , select Control Panel, select Hardware and Sound, and click Printers. Right-click the icon for your printer and select Printing Preferences. Click the Utility tab.

**Tip**: On a Macintosh, you can also run maintenance utilities by clicking the Utility button in the print job window or the icon on the printer settings screen.

If you added a shortcut icon for your printer to the Windows taskbar, you can right-click it and select any utility you want to run. See page 150 to add the icon.
- **Windows XP**: Click Start and select Control Panel. Double-click Printers and Faxes. Right-click your printer icon and select Printing Preferences. Click the Utility tab.

You see a menu like the following:

![EPSON Printer Utility](image)

3. Select the **Nozzle Check** icon and follow the instructions on the screen.

4. After the pattern is printed, use at least a 10× eye loupe to examine it.
   - If the pattern looks good, as shown below, the print head is clean.

```
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

- If any dots or segments are missing or deflected, as shown below, run a cleaning cycle as described on page 157. Then print another nozzle check pattern to make sure the nozzles are clean.

```
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

**Caution:** Don’t run a cleaning cycle while thick media is loaded in the printer.

- If the nozzles are still clogged after three cleaning cycles, run a power cleaning cycle as described on page 157.
Checking and Cleaning the Print Head Using the Control Panel

You can print a nozzle check from the control panel and examine it to determine whether any nozzles are clogged or deflected. Then you can run a cleaning cycle if necessary.

1. Press ► Menu.

2. Press ▼ until TEST PRINT is selected, then press ►. NOZZLE CHECK is selected.

3. Press ►, then press OK to start printing the nozzle check pattern.

4. After the pattern is printed, use at least a 10× eye loupe to examine it.
   - If the pattern looks good, as shown below, the print head is clean.

   [Image of nozzle check pattern]

   - If any dots or segments are missing or deflected, as shown below, run a cleaning cycle as described on page 157. Then print another nozzle check pattern to make sure the nozzles are clean.

   [Image of nozzle check pattern]

   - If the nozzles are still clogged after three cleaning cycles, run a power cleaning cycle as described on page 157.

Automatically Checking and Cleaning the Print Head

The printer automatically checks the nozzles and cleans them if necessary. You can specify how often you want this to happen or turn this feature off. You can also have a nozzle check pattern printed on a regular basis, so you can check it yourself.

1. Press ► Menu. PRINTER SETUP is selected. Press ► again.

2. Press ▼ until AUTO NOZZLE CHECK is selected, then press ►.
3. Select one of the following, then press OK:
   - **ON: PERIODICALLY**—The printer periodically checks its nozzles and runs a cleaning cycle if necessary (default).
   - **ON: EVERY JOB**—The printer automatically checks its nozzles and runs a cleaning cycle if necessary before each print job. This process uses a very small amount of ink (and no paper) and is recommended if you are running large print jobs unattended.
   - **OFF**—The printer will not perform automatic nozzle checks and cleaning cycles.

4. Press ◀, then select **PRINT NOZZLE PATTERN** and press ▶.

5. Select **ON: EVERY PAGE** to have the nozzle check pattern printed before each print job, or **ON: EVERY 10 PAGES** or **OFF**. These settings take effect only when you print on roll paper.

6. Press **OK** to save the setting.

### Running Cleaning Cycles

You can run several types of cleaning cycles from the control panel (or from the Epson LFP Remote Panel2): normal cleaning, power cleaning, and cleaning each pair of ink colors.

Run the power cleaning only if the normal cleaning process is not sufficient to clear the nozzles. The power cycle uses a large quantity of ink, so it is recommended only as a last resort.

The cartridges need to be at least 50% full to use power cleaning. You may need to replace a low cartridge to run the cleaning cycle. After cleaning, you can reinsert the old cartridge.

1. Print a nozzle check to make sure the print head needs cleaning, as described on page 156.

2. Make sure the printer is ready and the red ▲ ink Check light on the printer’s control panel is not on or flashing.

3. Press ▶ **Menu**.
4. Press ▼ until **MAINTENANCE** is selected, then press ►.

5. Press ▼ until **CLEANING** is selected, then press ►.

6. Select one of the following, then press ►:
   - **NORMAL CLEANING**—Press OK to start the cleaning cycle.
   - **CLEAN EACH COLOR**—Press ►, select the color pair you want to clean, then press OK to start the cleaning cycle.
   - **POWER CLEANING**—Press OK to start the cleaning cycle.

7. When cleaning is finished and the Power light stops flashing, print the nozzle check again to confirm that the head is clean.

   For effective cleaning, always run a nozzle check between cycles.

   If the pattern is still missing segments or has deflections after a power cleaning cycle, turn the printer off and leave it overnight, then clean the print head again the following morning with regular cleaning cycles. If you still see no improvement, contact Epson for assistance.

### Aligning the Print Head

Aligning the print head is the most important thing you can do to ensure the best print quality. If banding appears on your prints, if they look grainy or blurry, or if you see misregistration or “ghosting,” you need to align the print head.

Although you can align the print head using the printer utility software, it’s also easy to align from the printer’s control panel. This will do the most thorough job in the shortest time, and it’s all automatic.

If you haven’t already done so, it’s a good idea to run a nozzle check before aligning the print head (page 156). This ensures that the print head alignment patterns print correctly.

Follow these steps to align the print head using the control panel:

1. Make sure the printer is turned on. Then load Epson Enhanced Matte paper.
2. Press ► Menu.
3. Press ▲ or ▼ until HEAD ALIGNMENT is selected, then press ►. PAPER THICKNESS is selected.

4. Press ►, then select the paper type loaded in the printer and press OK.

5. Press ▼ three times, then press ▼ to select ALIGNMENT.

6. Press ► to select AUTO, then press ► again. UNI-D (uni-directional) is highlighted. This is the type of alignment to start with.

7. Press ►, then press OK to start the alignment process.

   Each head alignment takes about 7 minutes. The printer’s white beam sensor reads the alignment pattern and adjusts the printer automatically. Make sure you don’t open the front cover or turn off the printer during this process.

8. When the uni-directional alignment is finished, press ►.

9. Select HEAD ALIGNMENT, then select ALIGNMENT.

10. Select BI-D ALL and press OK to start the alignment process.

11. When done, press || to exit head alignment mode.

**Replacing Ink Cartridges**

Before you begin a large print job, you should check your ink levels. If one of your cartridges is low, you can replace it before you start. Or you can wait until the ink is expended, replace the cartridge, and then continue the job without any loss of print quality. However, it is best to replace a low ink cartridge before starting a large print job.

The easiest way to check ink levels is from the control panel LCD display. The numbers above the ink icons on the LCD display correspond to the 11 ink cartridge slots on the printer.

The icons show the approximate amount of ink remaining.

**Tip:** You can store partially used ink cartridges for up to 6 months. If you do so, Epson recommends covering the openings with tape.
When the red Ink Check light is flashing and INK LOW appears on the LCD display, the indicated cartridge is almost expended. Make sure you have a replacement cartridge. When the light stays on and REPLACE INK CARTRIDGE is displayed, the cartridge is expended. You must replace the cartridge before you can continue printing.

You can install any combination of 150, 350, and 700 ml cartridges. Use the following Epson UltraChrome HDR ink cartridges:

<table>
<thead>
<tr>
<th>Ink bay</th>
<th>Slot no.</th>
<th>Cartridge</th>
<th>150 ml</th>
<th>350 ml</th>
<th>700 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left</td>
<td>1</td>
<td>Cyan (C)</td>
<td>T642200</td>
<td>T596200</td>
<td>T636200</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Orange (O)</td>
<td>T642A00</td>
<td>T596A00</td>
<td>T636A00</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Yellow (Y)</td>
<td>T642400</td>
<td>T596400</td>
<td>T636400</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Light Cyan (LC)</td>
<td>T642500</td>
<td>T596500</td>
<td>T636500</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Matte Black (MK)</td>
<td>T642600</td>
<td>T596600</td>
<td>T636600</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Photo Black (PK)</td>
<td>T642700</td>
<td>T596700</td>
<td>T636700</td>
</tr>
<tr>
<td>Right</td>
<td>7</td>
<td>Vivid Magenta (VM)</td>
<td>T642300</td>
<td>T596300</td>
<td>T636300</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Light Black (LK)</td>
<td>T642700</td>
<td>T596700</td>
<td>T636700</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Green (G)</td>
<td>T642B00</td>
<td>T596B00</td>
<td>T636B00</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>Light Light Black (LLK)</td>
<td>T642900</td>
<td>T596900</td>
<td>T636900</td>
</tr>
<tr>
<td></td>
<td>11</td>
<td>Vivid Light Magenta (VLM)</td>
<td>T642600</td>
<td>T596600</td>
<td>T636600</td>
</tr>
</tbody>
</table>

You can purchase genuine Epson ink and paper from an Epson Professional Imaging Authorized Reseller. To find the nearest reseller, visit www.proimaging.epson.com (U.S. sales), www.epson.ca (Canadian sales), or call 800-GO-EPSON (800-463-7766). Or you can purchase online at www.proimaging.epson.com (U.S. sales) or www.epson.ca (Canadian sales).

Before you start, make sure the printer is turned on. Then follow these steps:

1. Note the color of the cartridge that is low or expended.

2. Press the button.
   - If ink in one or more cartridges is expended, the corresponding ink cover is unlocked.
   - If the ink is not expended, select the ink bay you want to open and press OK.

\[\text{Note:}\] We recommend that you use genuine Epson cartridges and do not refill them. The use of other products may affect your print quality and could result in printer damage.

Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. For print quality, a small amount of ink remains in the cartridge after the “replace cartridge” indicator comes on.

For best printing results, use up a cartridge with six months of opening the package.

\[\text{Caution:}\] Leave the expended cartridge in the printer until you are ready to replace it.

To prevent ink reporting errors, never replace the ink cartridges with the printer turned off.
3. Open the ink cover all the way.

4. Then press in the cartridge you want to replace. The cartridge pops out.

5. Remove the expended ink cartridge from the printer. It’s a good idea to save your first set of expended cartridges so you can use them for transporting the printer, if necessary.

**WARNING:** Do not shake the expended cartridge, or ink may leak out. If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them immediately with water.
6. Make sure the replacement cartridge is the correct color and remove it from its package. Gently shake the cartridge for about 5 seconds before installing it.

Note: If you can’t insert the cartridge smoothly, you may have the wrong cartridge. Check the package and product code. If the Ink light remains on after installing the cartridge, it may not be inserted fully.

7. Hold the cartridge with the arrow pointing toward the printer. Then insert the cartridge into the slot until it clicks into place. Don’t force it in.

Caution: Do not remove and re-insert cartridges more often than necessary. Doing so can compromise the needle valve seal and allow air to enter the ink tubes, causing nozzle damage.

8. Close the ink cover.

Once the cartridge is installed, the printer returns to its READY state.
Switching Black Ink Mode

You can switch the black ink from Photo Black to Matte Black or vice-versa by pressing the ▼ button on the control panel.

- The Photo Black cartridge is ideal for printing photographic images on all media types. It is optimized for traditional photographic and ink jet-coated papers, such as Epson Ultra Premium Photo Paper Luster, Premium Photo Paper Semi-gloss, Proofing Paper Commercial, and so on.

- The Matte Black cartridge is optimized for printing photographic images on matte or fine art papers, such as Epson Ultra Premium Presentation Paper Matte and Epson Velvet Fine Art Paper. This cartridge significantly increases black optical density.

Generally, you should switch black ink cartridges only if you plan to run a large number of print jobs in the new mode.

- Switching from Photo Black to Matte Black takes 2 minutes and consumes approximately 1.2 ml of ink.

- Switching from Matte Black to Photo Black takes 3 minutes and consumes approximately 3.4 ml of ink.

Changing the Date and Time

1. Press ▼ Menu.
2. Press ▼ until MAINTENANCE is highlighted, then press ▶.
3. Press ▼ until you see CLOCK SETTING, then press ▶.
4. Use the ▼, ▲, and ▶ buttons to set each item in the date and time, displayed in the following format: MM/DD/YY HH:MM.
5. Press OK to save the setting.
Using Maintenance Mode

Maintenance mode allows you to make special settings and perform maintenance procedures that may be needed occasionally. You can use maintenance mode to do the following:

- Change the language or units of measurements used on the printer’s control panel menus.
- Adjust the maximum value for roll paper tension.
- Run a “super strong” cleaning cycle.
- Return all of the printer’s control panel settings to their default values.

Follow these steps to use maintenance mode:

1. Make sure the printer is turned off.

2. Press and hold the \( \text{\textbf{II} \text{\textbold{H}}} \) button, then press the \( \text{\textbf{P}} \) Power button and hold it until the printer turns on and the LCD displays MAINTENANCE MODE.

3. Use the \( \text{\textbf{v}} \) and \( \text{\textbf{u}} \) buttons to select the settings described below. If you need to back up to the previous menu level, press \( \text{\textbf{L}} \).
   - To change the language on the LCD display, press \( \text{\textbf{v}} \) to highlight LANGUAGE, then press \( \text{\textbf{U}} \). Press \( \text{\textbf{v}} \) until you see the language you want, then press OK to select it. The printer exits maintenance mode and returns to normal operation.
   - To change the units of measurement, press \( \text{\textbf{v}} \) to highlight LENGTH UNITS, then press \( \text{\textbf{U}} \). Press \( \text{\textbf{v}} \) to switch from METRIC to FEET/INCH, then press OK to select it. Press \( \text{\textbf{L}} \) when done.
   - To change the temperature units of measurement, press \( \text{\textbf{v}} \) to highlight TEMPERATURE UNITS, then press \( \text{\textbf{U}} \). Press \( \text{\textbf{v}} \) to switch from \( \text{\textbf{C}} \) (Celsius or centigrade) to \( \text{\textbf{F}} \) (Fahrenheit), then press OK to select it. Press \( \text{\textbf{L}} \) when done.
   - To change the maximum roll paper tension, press \( \text{\textbf{v}} \) to highlight ROLL PAPER TENSION, then press \( \text{\textbf{U}} \). Press \( \text{\textbf{v}} \) to decrease the maximum value, or \( \text{\textbf{u}} \) to increase it (from 1 to 5). Press OK to select the setting you want.
• To run a super strong cleaning cycle, press ▼ to highlight SS CLEANING, then press ► to display EXECUTE. Press OK to start the cleaning cycle.

• To return all control panel settings to their default values, press ▼ to highlight DEFAULT PANEL, then press ► to display EXECUTE. Press OK to restore the default settings.

4. To exit maintenance mode, turn off the printer by pressing the ⬤ Power button. Press the ⬤ Power button again to turn on the printer in the normal operating mode.

Replacing the Paper Cutter

If you notice that your paper isn’t being cut cleanly, the cutter may need to be replaced.

You can obtain a new cutter from Epson (part number C12C815331). See page 12 for ordering details.

Removing the Old Cutter

Make sure the printer is turned on, then follow these steps to remove the blade:

1. Press ► Menu.

2. Press ▼ until MAINTENANCE is highlighted, then press ►.

3. Press ▼ until CUTTER REPLACEMENT is highlighted, then press ► again.

4. Press OK. The paper cutter moves to the replacement position.

Note: If the optional SpectroProofer is attached to the printer, remove it following the instructions that came with it. Then turn off the printer.
5. To remove the cutter cover, press in the tab and pull it down.

6. Loosen the screw using a cross-head screwdriver.
7. Carefully remove the cutter.

8. Dispose of the cutter in accordance with local regulations.

**Installing the New Cutter**

Remove the new blade from its package, then follow these steps to install it:

1. Insert the new cutter into the holder. Make sure the cutter pin goes into the hole.
2. Tighten the screw using a cross-head screwdriver.

![Image of tightening screw](image)

**Note:** Reinstall the optional SpectroProofer if necessary, following the instructions that came with it. Then turn on the printer and press the **OK** button.

3. Align the cover, then press it in until it clicks into place.

![Image of aligning cover](image)

4. Press **OK** to finish the replacement process. The cutter moves to home position.

5. Run the Cutter Adjustment from the Maintenance Menu on the control panel.

   After you print the pattern, put the two cut pieces together and select the pattern with the most precise cut between the two colors. Select the pattern number on the control panel and press **OK**.
Replacing the Maintenance Tank

The maintenance tank stores ink that gets flushed from the system during the initial ink charge and manual and automatic print head cleaning. When the tank is almost full, the message MAINTENANCE TANK NEARLY FULL appears on the LCD display. When the tank is completely full, the printer stops working and MAINTENANCE TANK FULL appears on the LCD.

You can check how much space remains in the maintenance tank by viewing its icon on the control panel, shown below. You can also check its status using the menus (see page 152), using your printer software (see page 153), or by printing a nozzle check sheet (see page 156).

The icon(s) show the approximate amount of space remaining in the tank(s).

The Epson Stylus Pro 7900 has one maintenance tank (on the right side), and the Pro 9900 has two (one on either side). Replacement tanks are available from Epson (part number C12C890191). See page 12 for details.

The printer will not print if one of the maintenance tanks is full. On the Epson Stylus Pro 9900, the right tank is used more than the left. To maximize tank life, you can switch the tanks when the right tank reaches approximately 40% to 60% of capacity.

Follow these steps to replace the tank:

1. If you have the Epson Stylus Pro 9900, check the LCD display to determine which tank needs to be replaced (left or right).
2. Turn off the printer.
3. Grasp the handle at the bottom of the tank (on the side of the printer) and gently pull out the maintenance tank. Then place it in the plastic bag included with the new tank.

**Caution:** Be careful not to spill ink from the maintenance tank when removing it. Hold it upright at all times and dispose of it carefully.

4. Insert the new tank.
Cleaning the Printer

To keep your printer working at its best, clean it if it becomes soiled.

1. If your prints are soiled by ink on the roller, load inexpensive roll paper and press ▼ to feed the paper without printing on it. Press ▼ several times until the paper is clean.

2. Turn off the printer and wait until all the lights are off. Then unplug the power cord and disconnect the printer from your system.

3. Open the front cover and use canned air or a soft lint-free cloth to carefully clean away any dust or dirt inside the printer.

4. Clean the area shown below in the direction of the arrows. If necessary, dampen the cloth, clean the inside of the printer, then dry it with a soft cloth.

Caution: Be careful not to touch the gears inside the printer.

To avoid damaging the components as well as the case, never use alcohol or thinners to clean the printer.

Be careful not to get water on the printer mechanism or electronic components.

Don’t use a hard or abrasive brush.

Don’t spray the inside of the printer with lubricants; unsuitable oils can damage the mechanism. Contact Epson if you think the printer needs lubrication.

Do not touch the gray area, roller, or absorption pads inside the printer; otherwise your prints may be soiled.
5. If your prints are soiled on the back, wipe the blue area carefully.

6. If powdery dust has accumulated, use a toothpick or similar tool to remove it.

7. Remove the paper basket. Then clean away any dust or dirt around the leg assembly using a soft brush.
8. If the outer case is dirty, clean it with a soft, clean cloth dampened with mild detergent. Keep the ink cartridge compartments closed to prevent water from getting inside.

9. To wash the paper basket, remove the shafts, then machine wash with mild detergent and air dry.

**Transporting or Storing the Printer**

If you are moving the printer a short distance (for example, in the same building), you can roll it on its stand (see page 175). To ship the printer a longer distance, you should repack it using the original box and packing materials. Follow the instructions below to prepare the printer for shipment.

If you don’t have the original packaging, you can purchase replacement packaging from Epson. See page 12 for more information.

**Preparing the Printer for Shipment**

1. Turn off the printer and wait until the carriage moves to the home position (on the far right) and the \( \text{Power} \) light goes off. Then unplug the printer.

2. Remove the following parts:
   - Power cord and interface cables
   - Paper basket
   - All paper or other media
   - Optional Auto Take-Up Reel (if installed)
   - Optional SpectroProofer Mounter (if installed)

3. Leave the ink cartridges installed.
4. Open the front cover and reinstall the packing material that you removed from the print head during setup. Then close the cover.

**Tip:** For more secure transportation, tape all doors and covers shut.

5. Before you remove the printer from the stand, make sure the casters are locked.

6. Remove the two wing nuts and lock washers securing the printer to the stand (underneath the printer). Keep them in a safe place.
7. Lift the printer using the hand grips where provided. (See the stickers located near the rear hand grips for the correct holding position.)

8. Keep the printer level while moving it. See page 176 for information about setting up the printer after transporting it.

To ship the printer a longer distance, you should repack it using the original box and packing materials. If you don’t have the original packaging, you can purchase replacement packaging from Epson. See page 12 for more information.

**WARNING:** The printer is very heavy. Make sure you have four people lift it.

**Caution:** Do not roll the printer on angled or uneven surfaces.

**Moving the Printer on the Stand**

When you need to move the printer a short distance, such as within the same building, you can roll the printer on its casters.

1. Make sure the printer is turned off and the carriage is in the home position (on the far right). If not, turn the printer back on, wait until the carriage moves to the home position, then turn off the printer.

2. Disconnect the power cord and interface cable.

3. Remove any paper and close the roll paper cover. Make sure the front cover is closed.

4. Store the paper basket as described on page 82.
5. Release the front casters.

6. Carefully roll the printer to its new location, then lock the casters.

**Setting Up the Printer After Transportation**

Setting up the printer after transporting it is almost identical to setting it up for the first time.

Keep in mind that the first time you start printing after moving the printer, the print head nozzles may be clogged—especially if the printer hasn’t been turned on for a long time. You may need to run a cleaning cycle (page 154) and realign the print head (page 158) to ensure good print quality.
As you use your printer, you may occasionally experience a problem. You can diagnose the problem following the guidelines in this chapter or check the FAQs at www.proimaging.epson.com. Then try the most likely solutions until the problem is fixed.

This chapter provides instructions for the following:

- Diagnosing problems
- Checking error messages and lights
- Improving print quality
- Solving operational problems
- Solving miscellaneous printing problems
- Solving paper problems, including clearing paper jams
- Uninstalling and reinstalling the printer driver

**Diagnosing Problems**

The printer includes a number of ways to help you diagnose problems:

- To identify the most common problems, check the messages and lights on the control panel. See pages 178 through 182 for more information.

- If you’re using the Epson printer driver and Status Monitor utility, check your software for error messages. See page 153 for more information.

- To determine whether the problem is caused by the printer itself, print a status sheet from the control panel. See page 151 for instructions.

- Review the FAQs at www.proimaging.epson.com for possible solutions.

- If none of the suggested solutions in this chapter solve your problem, contact Epson as described under “Where To Get Help” on page 13.
Checking Error Messages and Lights

The control panel includes various lights and an LCD display to indicate the status of the printer:

When your paper runs out, ink is low, or a problem occurs, a message appears on the LCD display, and the lights on the control panel come on or flash. The following table lists the messages in alphabetical order and includes an explanation and instructions for correcting the problem.

<table>
<thead>
<tr>
<th>Message</th>
<th>Explanation</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>BORDERLESS ERROR</td>
<td>The borderless setting is selected and paper that doesn’t support borderless printing is loaded.</td>
<td>Press ✈️ ✏️ to cancel the print job. Change the setting in the printer driver or load different paper.</td>
</tr>
<tr>
<td>LOAD A SUPPORTED PAPER SIZE OR LOAD PAPER CORRECTLY</td>
<td>The sheet size is not recognized.</td>
<td>Make sure the paper is flat.</td>
</tr>
<tr>
<td></td>
<td>Paper is not loaded correctly.</td>
<td>Make sure paper is loaded correctly.</td>
</tr>
<tr>
<td>BLACK INK MISMATCH</td>
<td>The black ink setting on the printer and in the driver do not match.</td>
<td>Cancel the print job or press the ‚ ‚ button to change the black ink setting on the printer.</td>
</tr>
<tr>
<td>CALL FOR SERVICE</td>
<td>An error has occurred.</td>
<td>Note the error number, then turn the printer off. Then check the power cord connection at both ends and turn it back on. If the message remains after restarting the printer several times, contact Epson as described on page 13.</td>
</tr>
<tr>
<td>Message</td>
<td>Explanation</td>
<td>Response</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CANNOT OPEN INK COVER</td>
<td>Something is obstructing the indicated ink cover</td>
<td>Remove the obstruction and press the button again.</td>
</tr>
<tr>
<td>CLEANING ERROR</td>
<td>Head cleaning did not clear the nozzles.</td>
<td>Press to clear the error and run the head cleaning utility again. If cleaning doesn’t start, cancel printing from the computer. Then turn the printer off and back on again.</td>
</tr>
<tr>
<td>AUTOMATIC HEAD CLEANING FAILED REPLY?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>YES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLEANING ERROR NOT ENOUGH INK OR SPACE IN MAINT TANK. CONTINUE CLEANING? YES (RECOMMENDED) NO</td>
<td>Not enough ink or not enough maintenance tank capacity for head cleaning.</td>
<td>Select Yes and replace the cartridge (see page 159) or maintenance tank (see page 169).</td>
</tr>
<tr>
<td>COMMAND ERROR CHECK DRIVER SETTINGS</td>
<td>You may be using the wrong printer driver.</td>
<td>Press the Pause/reset button to cancel the print job and reset the printer. Make sure you installed the correct driver for your printer.</td>
</tr>
<tr>
<td>CUTTER UNIT NEARING END OF SERVICE LIFE. RECOMMEND REPLACING THE CUTTER UNIT</td>
<td>The paper cutter may be dull.</td>
<td>Replace the paper cutter; see page 165.</td>
</tr>
<tr>
<td>FRONT COVER OPEN</td>
<td>Front cover is open.</td>
<td>Close the front cover.</td>
</tr>
<tr>
<td>CLOSE COVER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F/W INSTALL ERROR UPDATE FAILED RESTART THE PRINTER</td>
<td>Firmware update failed.</td>
<td>Restart the printer, then update the firmware again; see page 54.</td>
</tr>
<tr>
<td>INK CARTRIDGE</td>
<td>The ink cartridge is expended.</td>
<td>Replace the ink cartridge; see page 159.</td>
</tr>
<tr>
<td>INK LOW REPLACE INK CARTRIDGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INK CARTRIDGE NON-GENUINE CARTRIDGE! QUALITY OF NON-GENUINE INK MAY VARY.</td>
<td>A non-genuine ink cartridge is installed.</td>
<td>Select DECLINE and replace the ink cartridge with a genuine Epson ink cartridge; see page 159.</td>
</tr>
<tr>
<td>INK CARTRIDGE PLEASE USE GENUINE EPSON INK CARTRIDGES</td>
<td>A non-genuine ink cartridge is installed.</td>
<td>Replace the ink cartridge with a genuine Epson ink cartridge; see page 159.</td>
</tr>
<tr>
<td>Message</td>
<td>Explanation</td>
<td>Response</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>--------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>INK CARTRIDGE ERROR</td>
<td>Ink cartridge(s) may have a bad contact or condensation.</td>
<td>Remove and reinstall the ink cartridge; if the error remains, replace the cartridge. See page 159.</td>
</tr>
<tr>
<td>REPLACE CARTRIDGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INK CARTRIDGE ERROR</td>
<td>You tried to install an ink cartridge that cannot be used with this printer.</td>
<td>If you are replacing ink cartridges, check the package and product code. Replace the ink cartridge with a genuine Epson ink cartridge.</td>
</tr>
<tr>
<td>PLEASE INSTALL THE CORRECT CARTRIDGES</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INK COVER OPEN</td>
<td>The ink cover or covers are open.</td>
<td>Close the cover(s).</td>
</tr>
<tr>
<td>CLOSE INK COVER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INK LOW</td>
<td>Ink cartridge(s) are nearly expended (printing continues).</td>
<td>Make sure you have replacement cartridges available; see page 159. Print quality may decline when ink is low.</td>
</tr>
<tr>
<td>INK TOO LOW TO CLEAN</td>
<td>Not enough ink for head cleaning.</td>
<td>Replace the cartridge(s) before cleaning; see page 159.</td>
</tr>
<tr>
<td>REPLACE INK CARTRIDGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INK TOO LOW TO CLEAN</td>
<td>Not enough ink for head cleaning, but enough for printing.</td>
<td>Replace the cartridge(s) before cleaning; see page 159. After cleaning is finished, you can re-use the low ink cartridge.</td>
</tr>
<tr>
<td>THE CARTRIDGE BEING USED CAN BE INSTALLED AGAIN FOR PRINTING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAINTENANCE REQUEST</td>
<td>A printer part may need to be replaced soon.</td>
<td>Note the code number and contact Epson as described on page 13.</td>
</tr>
<tr>
<td>MAINTENANCE TANK NEARLY FULL</td>
<td>The maintenance tank is almost full.</td>
<td>Make sure you have a replacement maintenance tank. For the Pro 9900, note which tank is nearly full; see page 169.</td>
</tr>
<tr>
<td>MAINTENANCE TANK ERROR</td>
<td>The maintenance tank may be incorrectly installed.</td>
<td>Reinstall the maintenance tank. If the error remains, replace the maintenance tank. For the Pro 9900, note which tank needs replacement; see page 169.</td>
</tr>
<tr>
<td>REPLACE THE MAINTENANCE TANK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAINTENANCE TANK FULL</td>
<td>The maintenance tank is full.</td>
<td>Replace the maintenance tank. For the Pro 9900, note which tank is full; see page 169.</td>
</tr>
<tr>
<td>REPLACE THE MAINTENANCE TANK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NO CARTRIDGE</td>
<td>Ink cartridge(s) not installed, or an incorrect cartridge is installed.</td>
<td>Install ink cartridge(s); see page 159. Do not reinstall the incorrect cartridge.</td>
</tr>
<tr>
<td>INSTALL INK CARTRIDGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NO MAINTENANCE TANK</td>
<td>Maintenance tank is not installed.</td>
<td>Make sure the maintenance tank is fully inserted. For the Pro 9900, note which tank is missing; see page 169.</td>
</tr>
<tr>
<td>INSTALL THE MAINTENANCE TANK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Message</td>
<td>Explanation</td>
<td>Response</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>NOT ENOUGH EMPTY SPACE</td>
<td>The maintenance tank is too full for head cleaning.</td>
<td>Replace the maintenance tank; see page 169.</td>
</tr>
<tr>
<td>REPLACE THE RIGHT SIDE MAINTENANCE TANK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOZZLE CHECK ERROR</td>
<td>Auto cleaning cannot be performed.</td>
<td>Press the button to clear the error, then try cleaning again. If necessary, cancel cleaning from the computer, then restart the printer.</td>
</tr>
<tr>
<td>PRESS THE · button</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOZZLE CLOG DETECTED</td>
<td>Not enough ink or maintenance tank capacity for head cleaning.</td>
<td>Select YES, then follow the instructions to replace the ink cartridge or maintenance tank.</td>
</tr>
<tr>
<td>NOT ENOUGH INK OR SPACE IN MAINT TANK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAPER CUT ERROR</td>
<td>Roll paper was not cut correctly.</td>
<td>Press the  button and open the front cover. Remove the uncut paper.</td>
</tr>
<tr>
<td>REMOVE UNCUT PAPER</td>
<td>The cutter may be blunt or incorrectly installed.</td>
<td>Reinstall or replace the cutter if necessary; see page 165.</td>
</tr>
<tr>
<td>PAPER EJECT ERROR</td>
<td>Roll paper is used with the cut sheet setting.</td>
<td>Press the  button and remove the paper.</td>
</tr>
<tr>
<td>REMOVE PAPER FROM PRINTER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAPER ERROR</td>
<td>Paper is not loaded correctly.</td>
<td>Press the  button, then reload paper correctly.</td>
</tr>
<tr>
<td>LOAD PAPER CORRECTLY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAPER JAM</td>
<td>Paper has jammed in the printer.</td>
<td>Press the  button and remove the jammed paper; see page 191 for more information.</td>
</tr>
<tr>
<td>REMOVE PAPER</td>
<td>The paper roll is almost finished.</td>
<td>Replace the roll.</td>
</tr>
<tr>
<td>PAPER LOW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOAD PAPER</td>
<td>No paper is loaded.</td>
<td>Load paper.</td>
</tr>
<tr>
<td>PAPER OUT</td>
<td>The  button has been pressed with no paper loaded.</td>
<td>Press the  button, then load paper.</td>
</tr>
<tr>
<td>LOAD PAPER</td>
<td>Paper ran out during printing.</td>
<td>Press the  button and remove the roll paper core. Then load another roll.</td>
</tr>
<tr>
<td>PAPER RELEASED</td>
<td>The  button has been pressed.</td>
<td>Load paper, then press the  button.</td>
</tr>
<tr>
<td>LOAD PAPER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAPER SENSOR ERROR</td>
<td>The paper is not detected.</td>
<td>Press the  button to clear the error, then select the right paper.</td>
</tr>
<tr>
<td>PRESS THE · button</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOAD DIFFERENT PAPER</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Improving Print Quality

You can often improve print quality by doing the following:

- Run a nozzle check and cleaning cycle. See page 154 for instructions.
- Align the print head. See page 158 for instructions.
- When you send a print job, make sure your print options are set correctly. For more information, see page 87 (Macintosh) or page 123 (Windows).

#### Message Table

<table>
<thead>
<tr>
<th>Message</th>
<th>Explanation</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER SETTING ERROR</td>
<td>The paper source selected in the printer driver and the control panel do not match.</td>
<td>Check the Paper Source settings and make sure the paper is loaded correctly.</td>
</tr>
<tr>
<td>CHECK THE PAPER SOURCE IN THE DRIVER SETTINGS AND LOAD PAPER CORRECTLY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAPER SIZE ERROR</td>
<td>The loaded paper size does not match the size of the image.</td>
<td>Make sure the paper size matches the size of the image.</td>
</tr>
<tr>
<td>LOAD CORRECT PAPER SIZE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAPER SKEW</td>
<td>Paper is not loaded straight.</td>
<td>Press the power button and make sure the paper is loaded straight.</td>
</tr>
<tr>
<td>LOAD PAPER PROPERLY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRINTER ERROR</td>
<td>You tried to print while an error condition was present.</td>
<td>Press the Power button to turn off the printer, then turn it back on.</td>
</tr>
<tr>
<td>RESTART THE PRINTER</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
If none of these suggestions help, try the solutions in the following table.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| Your print has horizontal banding.| • Check the ink indicators and light to see if you are low on ink. (If you replace ink cartridges with the printer turned off, the ink indicators will not be accurate.) Replace ink cartridges if necessary, as described on page 159.  
• Run a nozzle check and cleaning cycle. See page 154 for instructions.  
• Turn off the **High Speed** setting.  
• Make sure the **Media Type** setting in the printer software is correct.  
• If you’re using cut sheet media, make sure the printable side is face up.  
• Choose a higher resolution, such as **SuperPhoto - 2880x1440dpi**.  
• If you’re using a third-party RIP and non-Epson media, see if the RIP provides a method for adjusting the paper feed.  
• Try adjusting your advanced media control settings (page 97) or paper configuration settings (page 113 for Mac OS X or page 141 for Windows). Check these settings:  
  • Make sure the **Paper Thickness** setting is correct for your paper.  
  • Use the **Paper Feed Adjustment** to tune out banding. Reduce the value for white lines, and increase it for overlapping dark lines.  
  • If you’ve created a custom paper configuration, be sure to return the setting to standard (**STD**) when you’re done using it. See page 83. |
| Your print has vertical banding.  | • Turn off the **High Speed** setting.  
• Align the print head; see page 158. |
<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| Your print is grainy, or has misregistration or ghosting. | ▶ Check the ink indicators and light to see if you are low on ink. (If you replace ink cartridges with the printer turned off, the ink indicators will not be accurate.) Replace ink cartridges if necessary, as described on page 159.  
▶ Run a nozzle check and cleaning cycle. See page 154 for instructions.  
▶ Align the print head, as described on page 158.  
▶ Make sure the **Media Type** setting in the printer software is correct.  
▶ If you’re using cut sheet media, make sure the printable side is face-up.  
▶ Choose a higher resolution, such as 2880 dpi.  
▶ Turn off the **High Speed** setting. |

You may need to adjust your advanced media control settings (page 97) or paper configuration settings (page 113 for Mac OS X or page 141 for Windows). Check these settings:  
▶ Make sure **Paper Thickness** setting is correct for your paper.  
▶ If you’ve created a custom paper configuration, be sure to return the setting to standard (**STD**) when you’re done using it. See page 83. |

| Colors are incorrect or missing. | ▶ Make sure the **Media Type** setting in the printer software is correct.  
▶ If you are using the color management features in Photoshop or another application, you must turn off color management in the printer driver. See page 96 or page 112 (Mac OS X) or page 130 (Windows).  
▶ Adjust the **Color Density** setting in the Paper Configuration utility.  
▶ If you’re using a third-party RIP or non-Epson media, custom color profiles will give you the best color reproduction.  
▶ If you’re using cut sheet media, make sure the printable side is face-up.  
▶ Run a nozzle check and cleaning cycle; see page 154.  
▶ Check the expiration date printed on each of the ink cartridges. If the cartridge is too old, replace it as described on page 159.  
▶ Check the ink indicators and light, and replace ink cartridges if your ink supply is low, as described on page 159. (If you replace ink cartridges with the printer turned off, the ink indicators will not be accurate.)  
▶ Make sure color settings in your application or printer software are correct. |
<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your print has gaps or appears faint.</td>
<td>- Check the expiration date printed on each of the ink cartridges. If the cartridge is too old, replace it as described on page 159.</td>
</tr>
<tr>
<td></td>
<td>- Make sure the <strong>Media Type</strong> setting in the printer software is correct.</td>
</tr>
<tr>
<td></td>
<td>- Run a nozzle check and cleaning cycle (see page 154).</td>
</tr>
<tr>
<td></td>
<td>- Check the ink indicators and light and replace ink cartridges if your ink supply is low, as described on page 159. (If you replace ink cartridges with the printer turned off, the ink indicators will not be accurate.)</td>
</tr>
<tr>
<td></td>
<td>- The paper thickness setting is not correct for your paper. Use your printer software (page 97 or page 113 for Mac OS X or page 141 for Windows) to choose the correct setting. When you’re done printing with a custom paper configuration, be sure to return the setting to standard (<strong>STD</strong>).</td>
</tr>
<tr>
<td></td>
<td>- The PLATEN GAP setting is too wide. Use the menu system to change the setting to <strong>STANDARD</strong>, or to <strong>NARROW</strong> if printing on very thin paper. See page 77 for instructions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your print appears blurry or smeared.</td>
<td>- Make sure the <strong>Media Type</strong> setting in the printer software is correct.</td>
</tr>
<tr>
<td></td>
<td>- If you’re printing on non-Epson media, you may need to adjust the paper thickness setting, drying time, or color density. Use your printer software (page 97 or page 113 for Mac OS X or page 141 for Windows) to choose the correct setting. When you’re done printing with a custom paper configuration, be sure to return the setting to standard (<strong>STD</strong>).</td>
</tr>
<tr>
<td></td>
<td>- Your paper doesn’t meet the required specifications or wasn’t stored in a dry, humidity-free environment. Load new paper.</td>
</tr>
<tr>
<td></td>
<td>- If you’re using cut sheet media, make sure the printable side is face-up.</td>
</tr>
<tr>
<td></td>
<td>- Ink has leaked into the paper path. Wipe the paper path area of the printer with a soft, clean cloth. See page 171 for cleaning instructions.</td>
</tr>
<tr>
<td></td>
<td>- Turn off the <strong>High Speed</strong> setting.</td>
</tr>
<tr>
<td></td>
<td>- The PLATEN GAP setting is too narrow. Use the control panel to change the setting to <strong>WIDE</strong> or <strong>WIDER</strong>. See page 77 for instructions.</td>
</tr>
<tr>
<td></td>
<td>- Run a nozzle check and cleaning cycle (see page 154).</td>
</tr>
<tr>
<td></td>
<td>- You may need to uninstall and reinstall the printer driver (see page 193).</td>
</tr>
<tr>
<td></td>
<td>- If ink is smeared on the back of your print, make sure PAPER SIZE CHECK is <strong>ON</strong> in the control panel menu. This prevents printing beyond the edge of the paper and soiling the inside of the printer.</td>
</tr>
</tbody>
</table>
If you can’t turn the printer on, if it stops printing unexpectedly, or if nothing prints, check the following:

- Paper is loaded correctly.
- The printer is plugged securely into a working electrical outlet that’s not controlled by a switch or timer.
- The interface cable is securely connected to the printer and your system.
- The voltage supplied by the electrical outlet matches the voltage on the printer’s rating label. If not, turn off the power and unplug the power cord immediately. Contact Epson for assistance; see page 13 for details.

If none of these suggestions help, try the solutions below.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| The bottom edge of your print is smeared. | - The paper is curled toward the printable side. Flatten the paper or curl it toward the other side.  
- Make sure the **Media Type** setting in your printer software is correct.  
- If you’re printing on non-Epson media, you may need to adjust the paper thickness setting or drying time. Use your printer software (page 97 or page 113 for Mac OS X or page 141 for Windows) to choose the correct setting. When you’re done printing with a custom paper configuration, be sure to return the setting to standard (**STD**).  
- If printing on thick paper, the PLATEN GAP setting may be incorrect. Use the control panel to change the setting to **WIDE** or **WIDER**; see page 77. |

### Solving Operational Problems

If you can’t turn the printer on, if it stops printing unexpectedly, or if nothing prints, check the following:

- Paper is loaded correctly.
- The printer is plugged securely into a working electrical outlet that’s not controlled by a switch or timer.
- The interface cable is securely connected to the printer and your system.
- The voltage supplied by the electrical outlet matches the voltage on the printer’s rating label. If not, turn off the power and unplug the power cord immediately. Contact Epson for assistance; see page 13 for details.

If none of these suggestions help, try the solutions below.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| The printer stops printing unexpectedly. | - If the **Pause/reset** light is flashing, the printer is performing a maintenance procedure or waiting for ink to dry. Check the display message and lights on the control panel. Wait until the light stops flashing.  
- Check the display message and lights on the control panel to see if an error has occurred. Follow the instructions for the messages beginning on page 178. |
| The printer sounds as if it’s printing, but nothing prints. | - Follow the instructions beginning on page 154 to clean the print head.  
- Communication between the computer and printer may have been momentarily interrupted. Try restarting the computer and printing again. |
## Solving Miscellaneous Printing Problems

If your printouts are not what you expected, try the suggestions below:

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| Your print has incorrect or garbled characters. | - Make sure your software is installed correctly and the printer is selected.  
- Clear any stalled print jobs.  
- Turn off the printer and computer. Make sure the interface cable is securely plugged in at both ends. |
| Your print has incorrect margins.   | - Check the page size or paper size settings in your application. Make sure they are within the printer’s printable area.  
- Make sure the Paper Size and Borderless settings in your printer software are correct for the paper you’re using.  
- Paper is loaded incorrectly. Follow the instructions beginning on page 57 to reload the paper. Make sure PAPER SKEW CHECK is ON in the control panel menu.  
- The ROLL PAPER MARGIN setting on the PRINTER SETUP menu is incorrect. See the on-screen User’s Guide for more information. |
<p>| Your image is inverted.             | - Turn off the Flip Horizontal or Mirror Image setting in your printer software. See page 95 or page 111 (Mac OS X) or page 137 (Windows) for instructions. |</p>
<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| Blank paper is printed.                      | ◦ Make sure your software is installed correctly and the printer is selected.  
                                      | ◦ Make sure the **Paper Size** setting in your printer software is correct for the paper you’re using.  
                                      | ◦ Make sure the **Paper Source** setting in your printer software is correct. |
| A ruled line on your print appears to shift. | ◦ Align the print head as described on page 158.                          
                                      | ◦ Run a nozzle check and cleaning cycle; see page 154.                     |
| Color images print in black only.            | ◦ Make sure the **Color** setting is correct in your printer software.     |
| The printer continues to feed paper after you have cancelled a job. | ◦ Press the **Pause/reset** button on the printer to clear any print job data in the printer’s buffer and reset the printer.  
                                      | ◦ Make sure the paper source is set correctly.                            |
| Roll paper cannot be cut.                    | ◦ The paper cutter may be dull. Follow the instructions on page 165 to replace the cutter.  
                                      | ◦ Make sure **Paper Source** appears on the LCD display. If not, press the **Paper Source** button to select this setting. Also check the **Auto Cut** settings in your printer software. |
| Printing is too slow.                        | ◦ Turn on the **High Speed** setting.                                     
                                      | ◦ Choose a lower resolution in your printer software for faster printing.  
                                      | ◦ Clear space on your hard drive or run a defragmentation utility.        
                                      | ◦ Don’t run too many applications at the same time.                      
                                      | ◦ Turn off virtual memory.                                               
                                      | ◦ Add RAM to your system.                                                 
                                      | ◦ Try printing when there is less traffic on the network, or move the printer to a different network segment. |
Solving Paper Problems

If paper feed or paper jam problems occur frequently, try one or more of the following solutions:

- For roll paper, try adjusting the Paper Suction setting. See page 83 for more information. You can also adjust this setting through your printer driver.
- For heavy or thick media, follow the instructions on page 76 to load the media correctly.
- Make sure the paper is not folded, wrinkled, or damp.
- Make sure the printer’s environment falls within the required temperature and humidity range.
- Make sure the paper is not too thick or too thin. See page 57, page 196, and page 197 for paper specifications.
- Make sure no foreign objects are inside the paper path.
- Make sure the printer isn’t located in a brightly lit area. The paper sensors may not operate correctly.
- Make sure the Media Type and Paper Source settings in the printer software are correct.
- Make sure the PLATEN GAP setting is correct for the paper or media you’re printing on. See page 77 for more information.
- If you’re not using Epson media, use a paper configuration to adjust for the paper’s thickness and drying time; see page 83.
Fixing Paper Eject Problems

If the paper is curled too tightly to eject properly, make sure the paper guides are attached to the printer. There are two paper guides for the Epson Stylus Pro 7900 and five for the Pro 9900.

Attach the guides to the bottom of the printer as shown:

Do one of the following:

- If you are feeding paper in front of the printer, move the guides to the forward position.
- If you are feeding paper backward (under the printer), gently squeeze the paper guides and push them to the backward position, as shown below:

Note: If banding appears on your print, leave the paper guides in the forward position.
Clearing Paper Jams

When roll paper gets jammed in the printer, printing stops and you see a PAPER JAM message on the LCD display. Follow these steps to clear a paper jam:

1. Cut the paper at the paper insertion slot.

2. Press the \( \% \) button to release the paper.

3. Rewind the paper.
4. Open the front cover if necessary.

5. Carefully pull down the jammed paper.

**Caution:** To avoid damaging the printer, do not touch the cables around the print head or the roller, ink absorption pad, or ink tubes.

6. Close the front cover, if necessary. Press the Power button to turn the printer off and then back on.
Uninstalling and Reinstalling the Printer Driver

If you need to uninstall and then reinstall the printer driver software for any reason, follow the instructions in the appropriate section below.

**Macintosh OS X 10.5**

1. Select *System Preferences*, then select *Print & Fax*.
2. Select your printer, then click the – button.
3. If you want to reinstall your printer software, restart your Macintosh. Then follow the instructions on page 49 to install the software.

**Macintosh OS X 10.4**

1. Open the *Applications* folder, then the *Utilities* folder.
2. Double-click *Printer Setup Utility*, select your printer, and then click *Delete*.
3. If you want to reinstall your printer software, restart your Macintosh. Then follow the instructions on page 49 to install the software.

**Windows**

1. Do one of the following:
   - **Windows Vista**: Click 🍎 > Control Panel > Uninstall a program. Select *EPSON Printer Software* in the program list.
   - **Windows XP**: Click *Start* > Control Panel > Add or Remove Programs. Select *EPSON Printer Software* in the program list and click *Change/Remove*.
2. Select your printer icon and click *OK*. Follow the on-screen instructions to uninstall your software.
3. If you want to reinstall your printer software, restart your computer. Then follow the instructions on page 52 to install the software.

**Tip:** Check the Epson Pro Imaging website at www.proimaging.epson.com for updated drivers and utilities that may become available.
Appendix A: Specifications

Environmental

<table>
<thead>
<tr>
<th>Operation</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>50 to 95 °F (10 to 35 °C)</td>
</tr>
<tr>
<td></td>
<td>Print quality guarantee: 59 to 77 °F (15 to 25 °C)</td>
</tr>
<tr>
<td>Humidity (without condensation)</td>
<td>20 to 80% RH</td>
</tr>
<tr>
<td></td>
<td>Print quality guarantee: 40 to 60%</td>
</tr>
</tbody>
</table>

Electrical

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage range</td>
<td>90 V to 264 V</td>
</tr>
<tr>
<td>Rated frequency range</td>
<td>50 to 60 Hz</td>
</tr>
<tr>
<td>Input frequency range</td>
<td>49.5 to 60.5 Hz</td>
</tr>
<tr>
<td>Rated current</td>
<td>1.0 A at 120 V</td>
</tr>
<tr>
<td></td>
<td>0.5 A at 220 V</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Epson Stylus Pro 7900: Approx. 70 W</td>
</tr>
<tr>
<td></td>
<td>Approx. 16 W in low-power mode</td>
</tr>
<tr>
<td></td>
<td>Approx. 1 W or less in power off mode</td>
</tr>
<tr>
<td></td>
<td>Epson Stylus Pro 9900: Approx. 80 W</td>
</tr>
<tr>
<td></td>
<td>Approx. 16 W in low-power mode</td>
</tr>
<tr>
<td></td>
<td>Approx. 1 W or less in power off mode</td>
</tr>
</tbody>
</table>

Check the label on the back of your printer for voltage information.
Dimensions and Weight

<table>
<thead>
<tr>
<th>Specification</th>
<th>Epson Stylus Pro 7900</th>
<th>Epson Stylus Pro 9900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>48 inches (1218 mm)</td>
<td>48 inches (1218 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>53.4 inches (1356 mm)</td>
<td>73.4 inches (1864 mm)</td>
</tr>
<tr>
<td>Depth</td>
<td>26.26 inches (667 mm)</td>
<td>26.26 inches (667 mm)</td>
</tr>
<tr>
<td>Weight (without consumables)</td>
<td>222 lb (100.9 kg) printer, stand, and paper basket</td>
<td>298 lb (135.1 kg) printer, stand, and paper basket</td>
</tr>
</tbody>
</table>

Printer Interfaces

- USB (1.1 and 2.0 compatible)
- Ethernet 10/100 BaseT

Safety Approvals

- Safety standards
  - UL 60950-1
  - CSA 22.2 No. 60950-1
- EMC
  - FCC part 15 subpart B, class B
  - CAN/CSA-CEI/IEC CISPR 22 Class B

Note: Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot attest to the quality of any non-Epson brand or type of paper. Always test samples of paper stock before purchasing large quantities or printing large jobs.

Media

Roll Paper

- **Maximum roll width**
  - Epson Stylus Pro 7900: 24 inches (610 mm)
  - Epson Stylus Pro 9900: 44 inches (1118 mm)
- **Maximum roll length**
  - Up to 147.6 feet for 2-inch cored media
  - Up to 662.7 feet for 3-inch cored media
- **Weight range**
  - 17 to 24 lb (64 to 90 g/sm)
- **Paper thickness**
  - 3.15 to 19.7 mil (0.08 to 0.5 mm)
- **Roll paper compatibility**
  - Handles both 2- and 3-inch cored media
- **Maximum roll paper diameter**
  - 2-inch core: 4 inches (103 mm)
  - 3-inch core: 6 inches (150 mm)
## Cut Sheets

**Weight range** 17 lb (64 g/m²) bond up to posterboard

Epson Cut Sheet Paper Sizes

<table>
<thead>
<tr>
<th>Size group</th>
<th>Size name</th>
<th>Measurements</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Series</td>
<td>A4</td>
<td>8.3 \times 11.7 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(210 \times 297 mm)</td>
</tr>
<tr>
<td></td>
<td>A3</td>
<td>11.7 \times 16.5 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(297 \times 420 mm)</td>
</tr>
<tr>
<td></td>
<td>Super A3/B</td>
<td>13 \times 19 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(329 \times 483 mm)</td>
</tr>
<tr>
<td></td>
<td>A2</td>
<td>16.5 \times 23.4 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(420 \times 594 mm)</td>
</tr>
<tr>
<td></td>
<td>A1</td>
<td>23.4 \times 33.1 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(594 \times 841 mm)</td>
</tr>
<tr>
<td></td>
<td>Super A1</td>
<td>24 \times 36 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(610 \times 910 mm)</td>
</tr>
<tr>
<td></td>
<td>A0*</td>
<td>33.1 \times 44 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(841 \times 1189 mm)</td>
</tr>
<tr>
<td></td>
<td>Super A0*</td>
<td>36 \times 50.9 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(914 \times 1292 mm)</td>
</tr>
<tr>
<td>US-ANSI</td>
<td>Letter</td>
<td>8.5 \times 11 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(216 \times 279 mm)</td>
</tr>
<tr>
<td></td>
<td>US B</td>
<td>11 \times 17 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(279 \times 430 mm)</td>
</tr>
<tr>
<td></td>
<td>US C</td>
<td>17 \times 22 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(430 \times 559 mm)</td>
</tr>
<tr>
<td></td>
<td>US D</td>
<td>22 \times 34 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(559 \times 864 mm)</td>
</tr>
<tr>
<td></td>
<td>US E*</td>
<td>34 \times 44 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(864 \times 1120 mm)</td>
</tr>
<tr>
<td>Size group</td>
<td>Size name</td>
<td>Measurements</td>
</tr>
<tr>
<td>------------</td>
<td>---------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>US-ARCH</td>
<td>ARCH A</td>
<td>9 × 12 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(229 × 305 mm)</td>
</tr>
<tr>
<td></td>
<td>ARCH B</td>
<td>12 × 18 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(305 × 457 mm)</td>
</tr>
<tr>
<td></td>
<td>ARCH C</td>
<td>18 × 24 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(457 × 610 mm)</td>
</tr>
<tr>
<td></td>
<td>ARCH D</td>
<td>24 × 36 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(610 × 910 mm)</td>
</tr>
<tr>
<td></td>
<td>ARCH E*</td>
<td>36 × 48 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(910 × 1219 mm)</td>
</tr>
<tr>
<td>B Series</td>
<td>B5</td>
<td>7.2 × 10.1 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(182 × 257 mm)</td>
</tr>
<tr>
<td></td>
<td>B4</td>
<td>10.1 × 14.2 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(257 × 364 mm)</td>
</tr>
<tr>
<td></td>
<td>B3</td>
<td>14.2 × 20.3 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(364 × 515 mm)</td>
</tr>
<tr>
<td></td>
<td>B2</td>
<td>20.3 × 28.7 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(515 × 728 mm)</td>
</tr>
<tr>
<td></td>
<td>B1*</td>
<td>28.7 × 40.5 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(728 × 1030 mm)</td>
</tr>
<tr>
<td></td>
<td>B1 Landscape*</td>
<td>40.5 × 28.7 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1030 × 728 mm)</td>
</tr>
<tr>
<td></td>
<td>B0</td>
<td>40.5 × 57.3 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(1030 × 1456 mm)</td>
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<tr>
<td></td>
<td>Super B0*</td>
<td>44 × 62.2 inches</td>
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<tr>
<td></td>
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<td>(1118 × 1580 mm)</td>
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<tr>
<td>Photo Series</td>
<td>—</td>
<td>8 × 10 inches</td>
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<tr>
<td></td>
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<td>(203 × 254 mm)</td>
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<tr>
<td></td>
<td>—</td>
<td>10 × 12 inches</td>
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<tr>
<td></td>
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<td>(254 × 305 mm)</td>
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<tr>
<td></td>
<td>—</td>
<td>11 × 14 inches</td>
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<tr>
<td></td>
<td></td>
<td>(279 × 356 mm)</td>
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<tr>
<td></td>
<td>—</td>
<td>12 × 12 inches</td>
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<tr>
<td></td>
<td></td>
<td>(305 × 305 mm)</td>
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<tr>
<td></td>
<td>—</td>
<td>16 × 20 inches</td>
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<tr>
<td></td>
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<td>(406 × 508 mm)</td>
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<td>24 × 30 inches (610 × 762 mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30 × 40 inches* (762 × 1016 mm)</td>
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<tr>
<td></td>
<td></td>
<td>36 × 44 inches* (914 × 1118 mm)</td>
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<tr>
<td></td>
<td></td>
<td>11.8 × 15.7 inches (30 × 40 cm)</td>
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<tr>
<td></td>
<td></td>
<td>15.7 × 23.6 inches (40 × 60 cm)</td>
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<tr>
<td></td>
<td></td>
<td>23.6 × 35.4 inches (60 × 90 cm)</td>
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* Epson Stylus Pro 9900 only

Printable Area

Default roll paper margins are 0.59 inch (15 mm) top and bottom, and 0.12 inch (3 mm) right and left. Using the menu system, you can set all the margins to 15 mm or 3 mm, or set the top margin to 35 mm.

The borderless printing feature allows edge-to-edge printing on some media.

Ink Cartridges

Cartridge life 2 years from production date if unopened; within 6 months after opening package

Temperature (storage) –4 to 104 °F (–20 to 40 °C); 1 month at 104 °F (40 °C); installed or uninstalled

Capacity 700, 350, or 150 ml

Weight 150 ml: approximately 0.84 lb (381 g) 350 ml: approximately 1.46 lb (662 g) 700 ml: approximately 2.43 lb (1102 g)

Note: We recommend that you use genuine Epson cartridges and do not refill them. The use of other products may affect your print quality and could result in printer damage.

Yields vary considerably based on images printed, print settings, paper type, frequency of use, and temperature. For print quality, a small amount of ink remains in the cartridge after the “replace cartridge” indicator comes on. The printer ships with full cartridges and part of the ink from this first set of cartridges is used for priming the printer.

For best printing results, use up a cartridge within six months of opening the package.
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