

EPSON Stylus® Pro 7600/9600

PRINTER GUIDE

EPSON®

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SEIKO EPSON CORPORATION. The information contained herein is designed only for use with these EPSON printers. EPSON is not responsible for any use of this information as applied to other printers.

Trademarks

EPSON, EPSON Stylus, EPSON ESC/P, MicroWeave, and Micro Piezo are registered trademarks of SEIKO EPSON CORPORATION.

BorderFree, ColorLife, DX3, Photo Enhance, EPSON Photographic Dye, and EPSON UltraChrome are trademarks and EPSON Preferred and EPSON Store are service marks of Epson America, Inc.

General Notice: Other product names used herein are for identification purposes only and may be trademarks of their respective owners. EPSON disclaims any and all rights in those marks.

The ENERGY STAR emblem does not represent EPA endorsement of any product or service.

Legal Notices

Neither SEIKO EPSON CORPORATION nor its affiliates shall be liable to the purchaser of this product or third parties for damages, losses, costs, or expenses incurred by purchaser or third parties as a result of: accident, misuse, or abuse of this product or unauthorized modifications, repairs, or alterations to this product, or (excluding the U.S.) failure to strictly comply with SEIKO EPSON CORPORATION's operating and maintenance instructions.

SEIKO EPSON CORPORATION shall not be liable for any damages or problems arising from the use of any options or any consumable products other than those designated as Original EPSON Products or EPSON Approved Products by SEIKO EPSON CORPORATION.



Printed on recycled paper.

FCC Compliance Statement

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.

Contents

Introduction

Options and Accessories	10
Where To Get Help	11
Macintosh System Requirements	12
Windows System Requirements	13
ENERGY STAR Compliance	14
Important Safety Instructions	14

1 Setting Up the Printer

Unpacking and Assembling the Stylus Pro 7600	18
Unpacking and Assembling the Optional Stand	18
Unpacking the Printer	21
Mounting the Printer on the Optional Stand	23
Attaching the Paper Basket	24
Unpacking and Assembling the Stylus Pro 9600	27
Unpacking the Stand	27
Assembling the Stand	28
Unpacking the Printer	29
Mounting the Printer on the Stand	31
Attaching the Basket	34
Connecting the Power Cord	37
Installing the Ink Cartridges	38
Loading Roll Paper	42
Connecting the Printer to Your Computer	45
Connecting to the USB Port	46
Connecting to the Parallel Port (Windows Only)	47
Installing and Connecting to an Optional Interface Card	48
Installing the Printer Software	50
Installing the Software for Macintosh OS 8.5 to 9.x	50
Installing Software for Windows	52
Running a Nozzle Check	54
Cleaning the Print Head from the Control Panel	56
Aligning the Print Head	57
Examining the UNI-D ALL Alignment Pattern	58
Examining the BI-D BLACK (K1) Alignment Pattern	59
Examining the BI-D ALL Alignment Pattern	61

2 Handling Paper and Other Media

Selecting Media For Your Printer	63
Printing on EPSON Media	64
Guidelines for Using EPSON Papers	69
Using Roll Paper	69
Guidelines for Using Roll Paper	70
Loading the Paper onto the Spindle	70
Placing the Paper in the Printer	71
Using the Roll Paper Belt	74
Removing Paper from the Spindle	74
Switching Between 2-Inch and 3-Inch Roll Paper	75
Cutting Paper Manually with the Built-in Cutter	76
Printing Trim Lines	76
Using Cut Sheet Paper	77
Printing on Posterboard	79
Adjusting the Platen Gap for Thick or Thin Paper	81
Using the Paper Basket	82
Catching Printouts in Front of the Printer	82
Catching Printouts Under the Printer	83
Optimizing the Settings for Your Paper	84
Adjusting the Paper Settings	84
Creating and Selecting Paper Profiles	85

3 Printing with EPSON Drivers for Macintosh

Choosing Page Setup Options	90
Printing Without Borders	91
Choosing Basic Print Options	93
Selecting the Correct Media Type Setting	96
Choosing Advanced Print Options	98
Color Management Settings	101
Paper Configuration Options	102
Managing Print Jobs	103
Setting Up Background Printing	103
Using Monitor3	104
Cancelling Printing	106
Checking Printer Status	106
Selecting Configuration Options	107

4 Printing with EPSON Drivers for Windows

Choosing Basic Print Options	109
Selecting the Correct Media Type Setting	112
Choosing Paper and Layout Options	114
Printing Without Borders	115
Choosing Advanced Print Options	117
Color Management Settings	119
Paper Configuration Settings	120
Managing Print Jobs	121
Using the Progress Meter	121
Using the Spool Manager	122
Using Status Monitor 3	122
Setting Monitoring Preferences	124
Optimizing Print Speed	126

5 Maintaining and Transporting the Printer

Checking Printer Status and Part Life	130
Printing Status Information	130
Viewing Status Information	131
Running a Cleaning Cycle	132
Printing a Nozzle Check Pattern	132
Cleaning the Print Head from the Control Panel	133
Performing a Power Cleaning	134
Aligning the Print Head	135
Examining the UNI-D ALL Alignment Pattern	136
Examining the BI-D BLACK Alignment Pattern	137
Examining the BI-D ALL Alignment Pattern	139
Replacing Ink Cartridges	141
Checking Ink Levels	141
Purchasing Ink Cartridges	142
Installing an Ink Cartridge	143
Switching Between Black Ink Modes	146
Preparing to Switch Black Ink Modes	146
Selecting the Black Ink Cartridges	148
Checking the Maintenance Tank	150

Draining the Ink	150
Charging the Ink	151
Updating the Driver	151
Replacing the Paper Cutter Blade	153
Replacing the Maintenance Tank	155
Cleaning the Printer	157
Transporting or Storing the Printer	158
Preparing the Printer for Shipment	158
Moving the Printer on the Stand	161
Uninstalling and Reinstalling the Printer Software	162
Macintosh	162
Windows	163

6 Solving Problems

Diagnosing Problems	165
Using the Control Panel to Check the Printer	166
Improving Print Quality	169
Solving Operational Problems	173
Solving Miscellaneous Printing Problems	174
Solving Paper Problems	176
Solving Roll Paper Feeding Problems	177
Clearing Paper Jams	179

A Specifications

Printing	181
Environmental	182
Dimensions and Weight	182
Electrical	182
Printer Interfaces	183
Safety Approvals	183
Paper	183
Printable Area	184
Ink Cartridges	185

Index

Introduction



To set up your printer, follow the instructions in Chapter 1.

This *Printer Guide* provides important information on setting up your printer, selecting paper, basic operation, and replacing parts such as ink cartridges. It also tells you how to maintain your printer to keep it working at its best, and provides troubleshooting tips in case you have a problem.

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, running cleaning cycles, aligning the print head, and clearing paper jams. Attach it to your printer for easy reference.
- The electronic *Reference Guide* on the CD-ROM provides additional information about the printer, drivers, and utility software. You can read the guide using a web browser, such as Netscape® Navigator® or Microsoft® Internet Explorer, versions 3.0 or later.

Warnings, Cautions, and Notes

These symbols are used in this book:



Warnings must be followed carefully to avoid bodily injury.



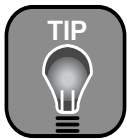
Cautions must be observed to avoid damage to your equipment.



Notes contain important information about your printer.



Tips contain additional hints on how to get the most out of your printer.



Check the EPSON Pro Graphics web site at <http://prographics.epson.com> for new accessories and options that may become available.

Options and Accessories

Your EPSON Stylus Pro 7600 and 9600 offer these optional upgrades and accessories:

Optional equipment and software

Option	Part number
EPSON Stylus Pro 7600 Printer Stand	C12C844061
EFI® Fiery® Spark Professional 2.0 Software RIP	C842832
Internal 10/100 BaseT (Ethernet™) Type-B interface card	C12C823912
Internal IEEE 1394 (FireWire™) Type-B interface card	C823722
Automatic Take-Up Reel System (Stylus Pro 9600 only)	C12C815251
Replacement 44-inch Take-up Reel Core (Stylus Pro 9600 only)	C815121
Paper Roller Spindle (Normal Tension) — 2- or 3-inch	
Stylus Pro 7600:	C12C811161
Stylus Pro 9600:	C12C811151
Paper Roller Spindle (High Tension) — 2- or 3-inch	
Stylus Pro 7600:	C12C811155
Stylus Pro 9600:	C12C811152
Manual Media Cutting System*	
Stylus Pro 7600:	C12C815231
Stylus Pro 9600:	C815182
Replacement Manual Cutting Blade (for Manual Media Cutting System)	C815192

* Designed for use with heavy media, which can damage the printer's built-in cutter.

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

Consumables and user-replaceable parts

Part	Part number
Replacement Ink Maintenance Tank*	
Stylus Pro 7600:	C120890071
Stylus Pro 9600:	C126890071
Replacement Printer Cutter Blade**	C12C815241
Ink Cartridges	See page 142 for a complete listing.
Paper (roll and sheet)	See page 64 for a complete listing.

* See page 155 for details.

** Replaces the blade for the printer's built-in cutter (see page 153).

You can purchase optional equipment and software, ink cartridges, paper, and manuals from EPSON at (800) 873-7766, or you can visit the EPSON StoreSM at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Where To Get Help

EPSON provides technical support and information on the installation, configuration, and operation of professional printing products through the EPSON PreferredSM Protection Plan. Dial (888) 377-6611, 6 AM to 8 PM, Pacific Time, Monday through Friday. Support hours and days are subject to change without notice.

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



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

EPSON also provides technical assistance 24 hours a day through the World Wide Web. You can reach EPSON Support at <http://support.epson.com>. At this site, you can download drivers and other files, look at product documentation, access troubleshooting information, and receive technical advice through e-mail.

You can purchase ink cartridges, paper, and accessories from EPSON at (800) 873-7766, or by visiting the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Macintosh System Requirements

To use your printer in either a standalone or peer-to-peer network environment, your Macintosh® system should include the requirements listed below:

- OS 8.5.1 through 9.X
(OS X drivers available at www.epson.com)
- 500 MHz or higher processor recommended
- 256MB of RAM or higher recommended
- At least 25MB of free hard disk space to install the software, and at least 2GB of free hard disk space for processing files (8GB or more available hard disk space recommended)
- Quad-speed (4×) or faster CD-ROM or DVD drive for installing the printer software
- For USB connection: a compliant USB port and a shielded USB “AB” cable from Series A (computer) to Series B (printer), up to 6.6 ft (2 meters) long

For IEEE 1394 (FireWire) connection: the optional IEEE 1394 card (described on page 10) and a shielded IEEE 1394 cable

For network connection: the optional Ethernet card (described on page 10) and a compatible cable



Using an improperly shielded USB cable—especially a cable more than 6.6 ft. (2 meters) long—may cause the printer to malfunction.

Windows System Requirements

To use your printer in either a standalone or peer-to-peer network environment, your system should include the requirements listed below:

- IBM®-compatible PC with a Pentium® IV 1 GHz or higher processor recommended
- For parallel connection: Windows® 95, 98, Me, NT® 4.0, 2000, or XP

For USB connection: PC with USB-compliant port running Windows 98 (factory installed), Me, 2000, or XP

For IEEE 1394 connection: PC with IEEE 1394 port running Windows Me, 2000, or XP

For 10/100 BaseT Ethernet connection: Ethernet equipped PC running Windows 95, 98, Me, NT 4.0, 2000, or XP

- 256MB of RAM or higher recommended
- At least 25MB of free hard disk space to install the software, and at least 2GB of free hard disk space for processing files (8GB or more available hard disk space recommended)
- Quad-speed (4×) CD-ROM or DVD drive for installing the printer software
- For parallel connection: a high-speed, bidirectional, IEEE 1284-compliant parallel cable, 6 to 10 ft. (1.8 to 3 m) long, with a D-SUB, 25-pin, male connector for your computer and a 36-pin, Centronics® compatible connector for the printer

For USB connection: a computer running Windows 98, Me, 2000, or XP with a Windows compliant USB port and a shielded USB “AB” cable from Series A (computer) to Series B (printer), up to 6.6 ft. (2 meters) long

For IEEE 1394 connection: the optional IEEE 1394 port (described on page 10) and a shielded IEEE 1394 cable

For network connection: the optional Ethernet card (described on page 10) and a compatible cable



Using an improperly shielded USB cable—especially a cable more than 6.6 ft. (2 meters) long—may cause the printer to malfunction.



ENERGY STAR Compliance

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

The EPA ENERGY STAR Office Equipment program is a voluntary partnership with the computer and office equipment industry to promote the introduction of energy-efficient personal computers, monitors, printers, fax machines, and copiers in an effort to reduce air pollution caused by power generation.



Always turn the printer off using the Power button. When you press this button, the Operate light flashes briefly, then goes out. Do not unplug the printer or turn off the power to the printer until the Operate light is off. This ensures that the print head is safely capped.

Important Safety Instructions

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

- Turn off and unplug the printer before cleaning. Clean with a damp cloth only. Do not spill liquid on the printer.
- Do not place the printer on an unstable surface or near a radiator or heating vent. Avoid areas subject to rapid changes in temperature and humidity or shock and vibrations.
- Do not place the printer near a window or in direct sunlight. Bright light can interfere with the paper sensors, causing paper jams and related problems.
- Keep the entire system away from potential sources of electromagnetic interference, such as loudspeakers or the base units of cordless telephones.
- Place the printer on a flat surface. It will not operate properly if it is tilted or at an angle.
- Do not block or cover the openings in the printer case or insert objects through the slots.
- Use only the type of power source indicated on the label.
- Connect all equipment to properly grounded power outlets. Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off. Do not use outlets controlled by wall switches or timers.

- Place the printer near a wall outlet where the plugs can be easily unplugged.

Placez l'imprimante près d'une prise de contact où la fiche peut être débranchée facilement.

- Do not let the power cords become damaged or frayed.
- If you use an extension cord with the printer, make sure the total ampere rating of the 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.
- Except as specifically explained in the documentation, do not attempt to service the printer yourself. Opening or removing those covers that are marked "Do Not Remove" may expose you to dangerous voltage points or other risks. Refer all servicing in those compartments to service personnel.
- Turn off the printer using the **Power** button, unplug the printer, and refer servicing to qualified service personnel under the following conditions:

If the power cord or plug is damaged; if liquid has entered the printer; if the equipment has been dropped or the case damaged; if the printer does not operate normally or exhibits a distinct change in performance. Adjust only those controls that are covered by the operating instructions.

Ink Cartridge Safety Instructions

- Do not put your hand inside the printer or touch the cartridges during printing.
- To avoid damaging the printer, do not move the print head by hand.
- Under normal circumstances, ink will not come out of the cartridge. If it does get on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.
- Keep ink cartridges out of the reach of children and do not drink the ink.
- Do not store ink cartridges at high or freezing temperatures. Keep cartridges away from direct sunlight.

- Do not dismantle the ink cartridges or try to refill them. This could result in damage to the print head.
- Install the ink cartridge immediately after you remove it from its package. Leaving the cartridge unpacked for a long time before use may result in reduced print quality.
- Do not use an ink cartridge beyond the date printed on the cartridge package. For best results, use cartridges within six months of installation.

Chapter 1: Setting Up the Printer



Note

When choosing a place for the printer, leave adequate room for easy access and ventilation. Avoid locations subject to direct sunlight, excessive heat, moisture, or dust. Also avoid locations near potential sources of interference, such as loud speakers, cordless phones, TVs, or air conditioners.

Follow the steps in this chapter to assemble the printer, install the software, and make any necessary adjustments. You should allow at least two hours for this process.

This chapter covers the following information:

- Unpacking and assembly
- Connecting the power cord
- Installing the ink cartridges
- Loading the roll paper
- Connecting the printer to your computer
- Installing the printer software
- Running a nozzle check
- Aligning the print head



Assembly requires two people.

Unpacking and Assembling the Stylus Pro 7600

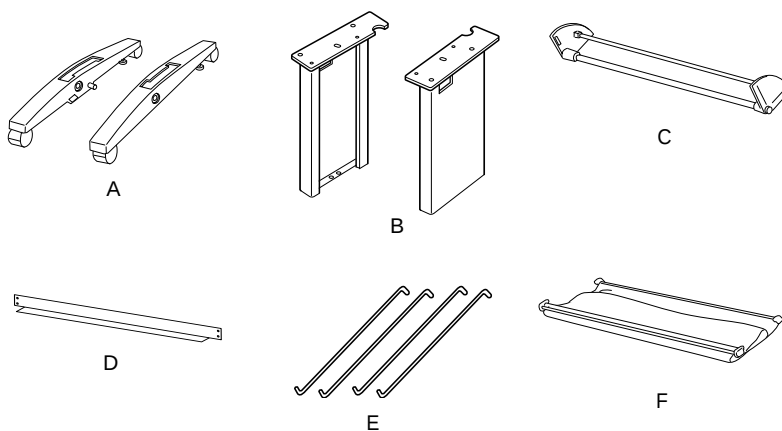
Follow these steps to assemble your printer. If you have a Stylus Pro 9600, see page 27 instead.

Unpacking and Assembling the Optional Stand

If you have an optional stand for the Stylus Pro 7600, follow these steps to unpack and assemble it. Otherwise, skip ahead to “Unpacking the Printer” on page 21.

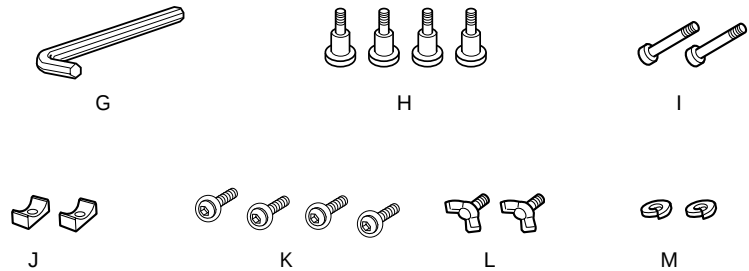
1. Unpack the stand and make sure you have all these items. You will also need a Phillips screwdriver.

Parts:



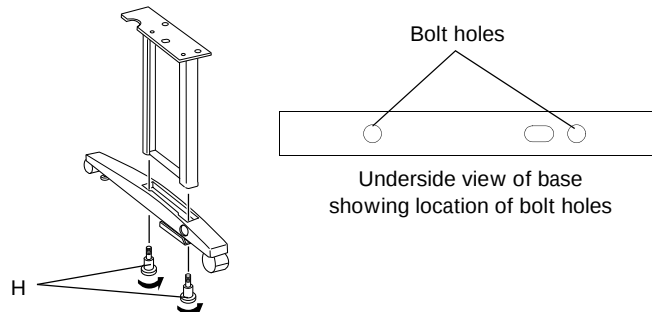
- A: Base, right and left (1 each)
- B: Leg, right and left (1 each)
- C: Bottom support bar(1)
- D: Top support bar(1)
- E: Basket hooks (4)
- F: Basket (1)

Accessories:

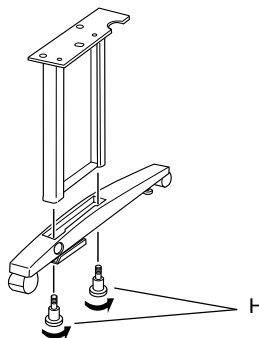


- | | | |
|----|----------------------------------|---------------------------------------|
| G: | Allen wrench (1) | |
| H: | Bolts (4) | for attaching legs to base |
| I: | Bolts (2) | for attaching lower bar to legs |
| J: | Collars (2) | for attaching lower bar to legs |
| K: | Phillips screws with washers (4) | for attaching top support bar to legs |
| L: | Wing screws (2) | for attaching printer to stand |
| M: | Washers (2) | for attaching printer to stand |

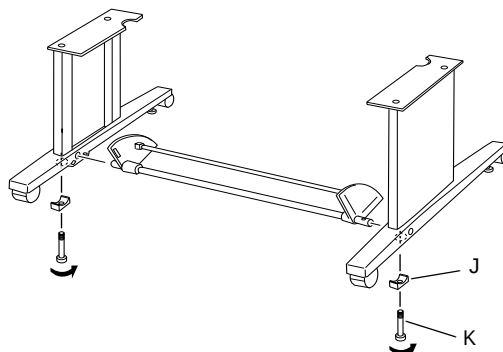
2. Insert one of the legs into the base as shown. (The bolt holes line up only if the leg is matched with the correct base.) Use the included Allen wrench to fasten the leg with two bolts (H).



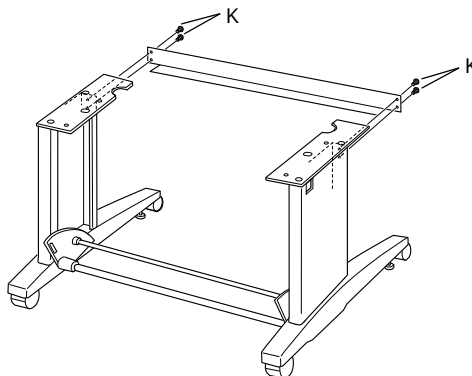
3. Assemble the other leg and base in the same way.



4. Attach the bottom support bar as shown. Fasten the bar with one collar (J) and one bolt (I) at each end.



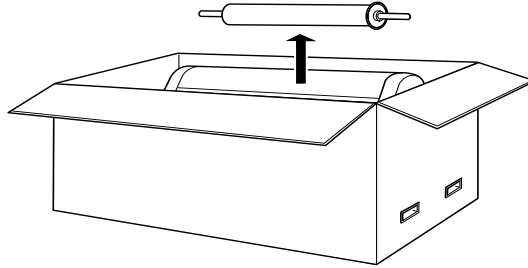
5. Attach the top support bar as shown. Use a Phillips screwdriver to fasten the four small screws (K).



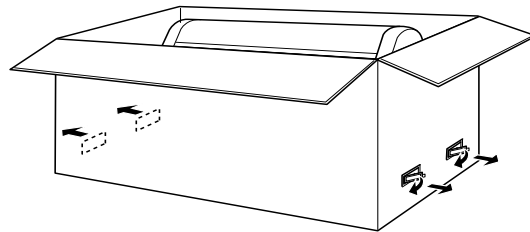
6. Make sure each part of the stand is tightened securely.

Unpacking the Printer

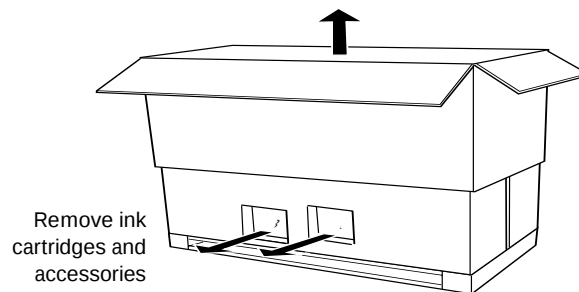
1. Remove the roll paper, polystyrene foam, and cardboard cushions.



2. Remove the handles from the sides of the box as shown.

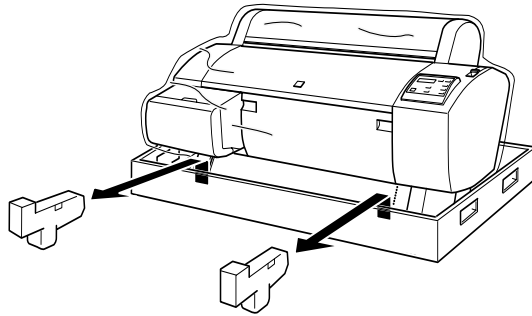


3. Lift the box up and away from the printer. Remove the ink cartridges and other accessories from the side as shown below.



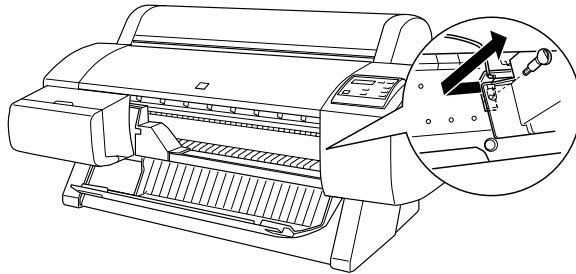
4. Remove the cardboard panels from around the printer.

5. Take out the foam supports from under the printer.



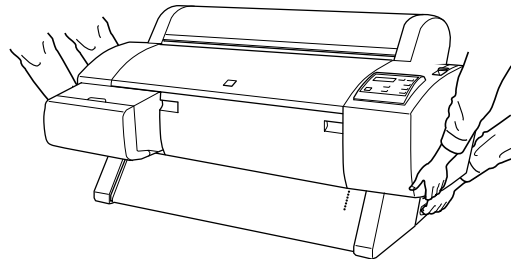
6. Remove any packing tape. Check these areas:
- the front cover
 - the ink compartment cover (in front on the left)
 - the maintenance tank (on the right side near the bottom)

7. Open the front cover. Then unscrew the bolt and remove the bracket securing the print head. Save the bolt and bracket in case you need to ship the printer.



Two or more people are required to lift the printer.

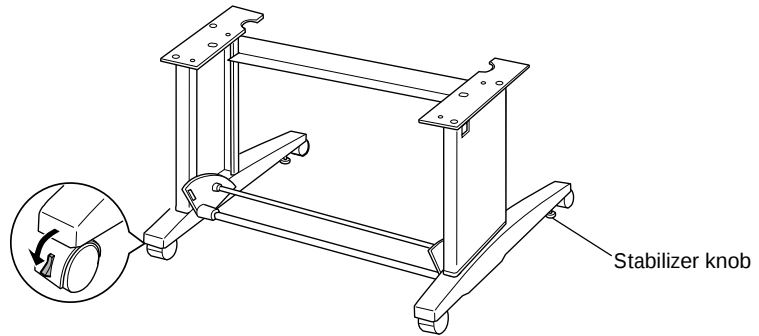
8. If you want to set the printer on a desk, use at least two people to hold it as shown. Otherwise follow the instructions in the next section to mount it on the optional stand.



Mounting the Printer on the Optional Stand

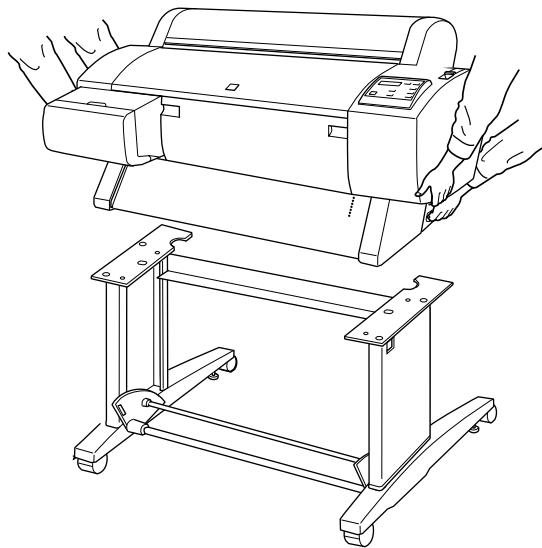
If you have an optional stand, follow these steps to mount the printer:

1. Lock the casters and lower the stabilizer knobs to keep the stand from rolling.

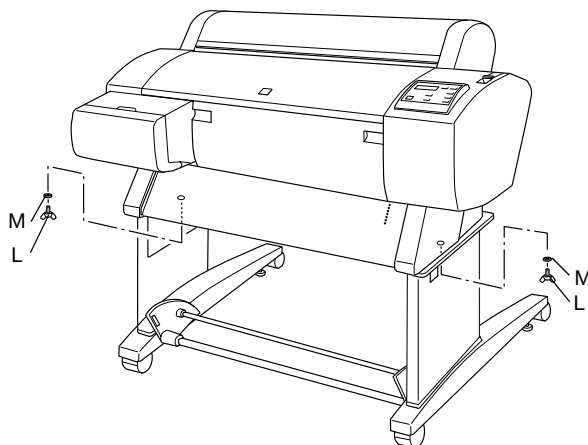


Two or more people are required to lift the printer.

2. Using two people, hold the printer at the indicated locations. Then set it on the stand as shown.

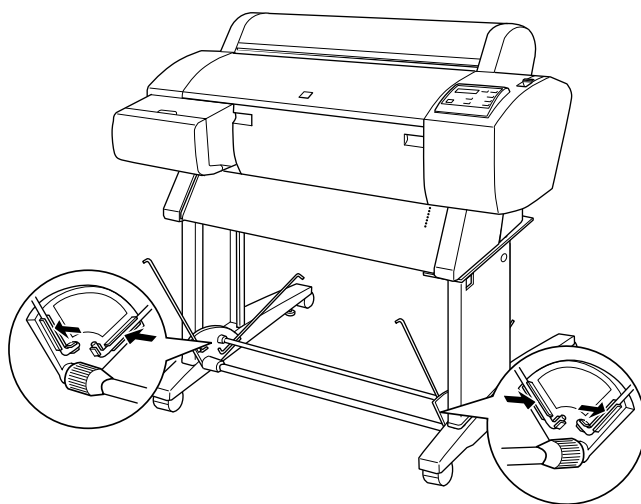


3. Fasten the printer to the stand with wing screws (L) and washers (M).

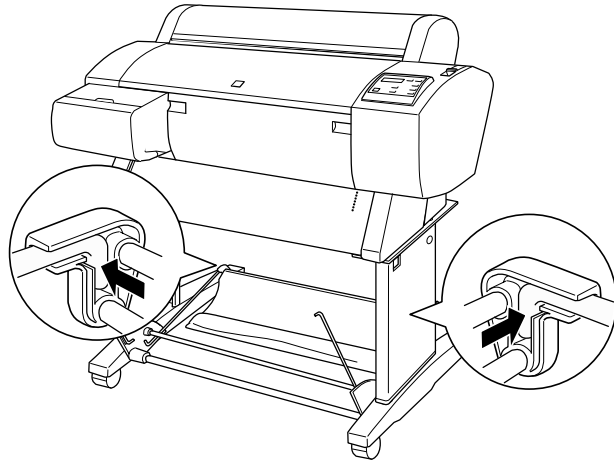


Attaching the Paper Basket

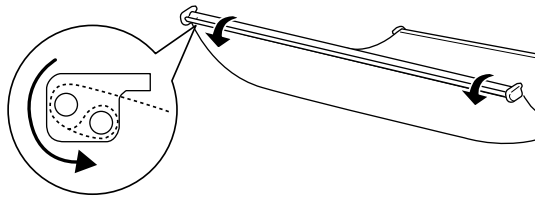
1. Attach the metal rods as shown. The free ends of the rods should point outward.



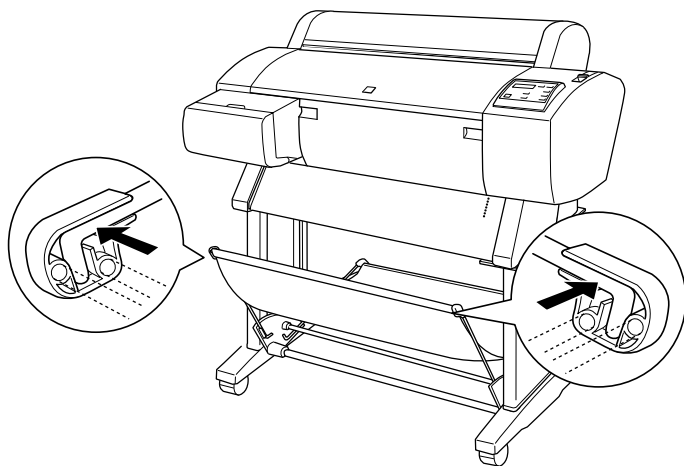
2. Snap the basket's plastic connectors onto the metal rods at the rear of the stand. (The rear connectors are labeled with an R.)



3. Rotate the front bar once as shown, so the fabric folds around the bar.



4. Snap the connectors onto the front metal rods.



5. Check underneath the printer for packing tape.
6. Raise the stabilizer knobs and 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 and extend the stabilizer knobs after moving.

When done, skip ahead to “Connecting the Power Cord” on page 37.



Two people are required to unpack the printer, and four are needed to set it on the stand.

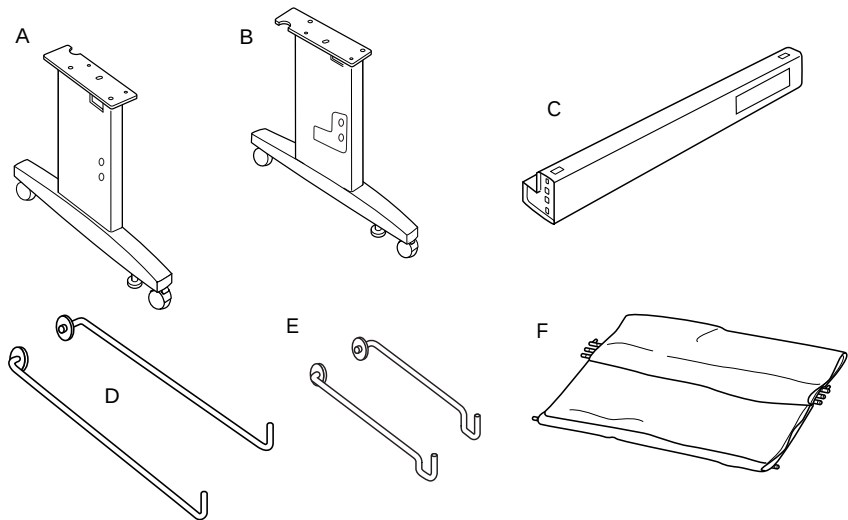
Unpacking and Assembling the Stylus Pro 9600

Follow these steps to assemble your printer. If you have a Stylus Pro 7600, see page 18 instead.

Unpacking the Stand

1. Open the box and remove the handles from the sides of the box.
2. Lift the box up and away from the printer, then set it aside.
3. Make sure you have all these items:

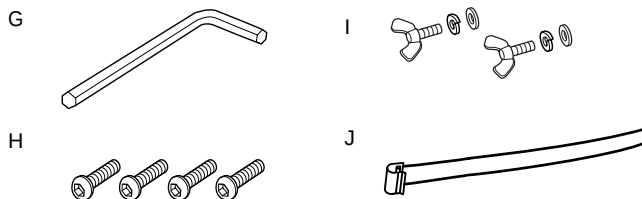
Parts:



- A: Left base section
B: Right base section
C: Support bar

- D: Basket hooks, long (2)
E: Basket hooks, short (2)
F: Paper basket

Accessories:



G: Allen wrench

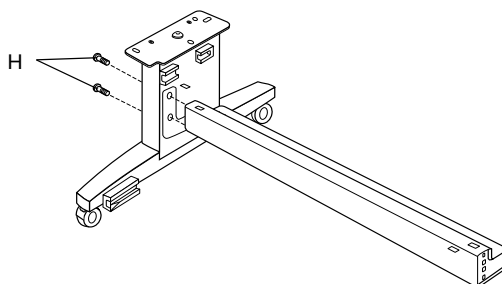
H: Bolts (4)

I: Wing nuts, spring washers, and plain washers (2)

J: Paper supports (5)

Assembling the Stand

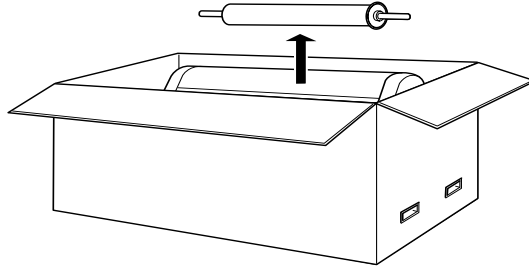
1. Insert the support bar into one of the base sections as shown. Then attach it with two bolts (H) using the included Allen wrench. (Leave the bolts a little loose, so that you can adjust the position when you insert the bolts at the other end.)



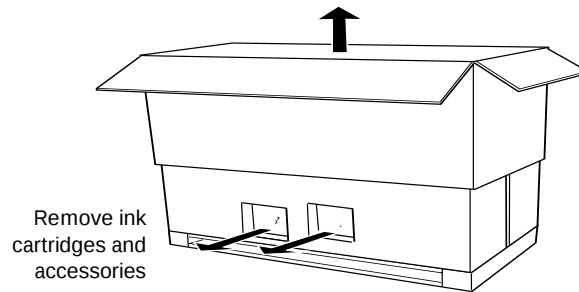
2. Attach the base section to the other end.
3. Tighten all four bolts securely.

Unpacking the Printer

1. Remove the roll paper, polystyrene foam, and cardboard cushions.

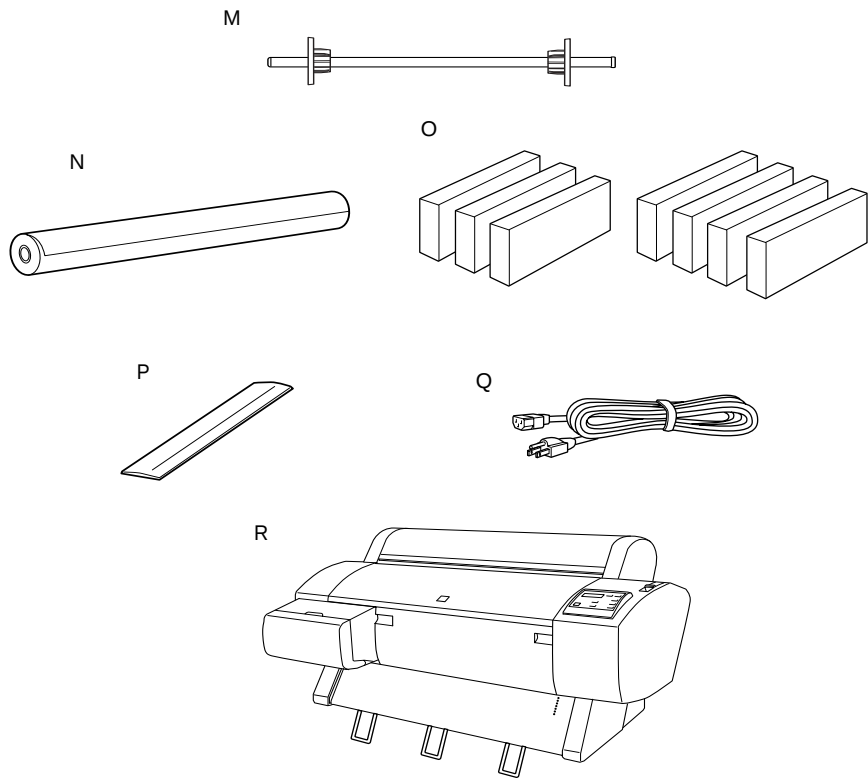


2. Lift the box up and away from the printer. Remove the ink cartridges and other accessories from the side as shown below.



3. Remove the cardboard panels from around the printer.

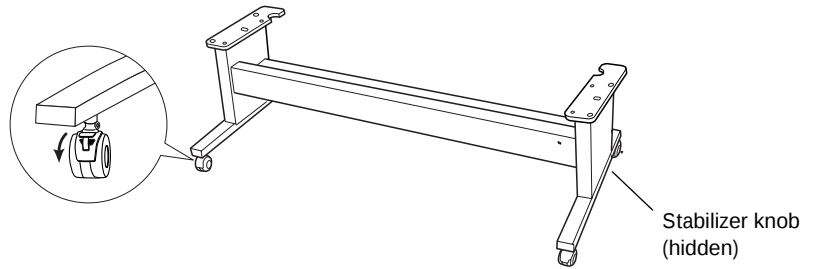
Make sure all these items are included:



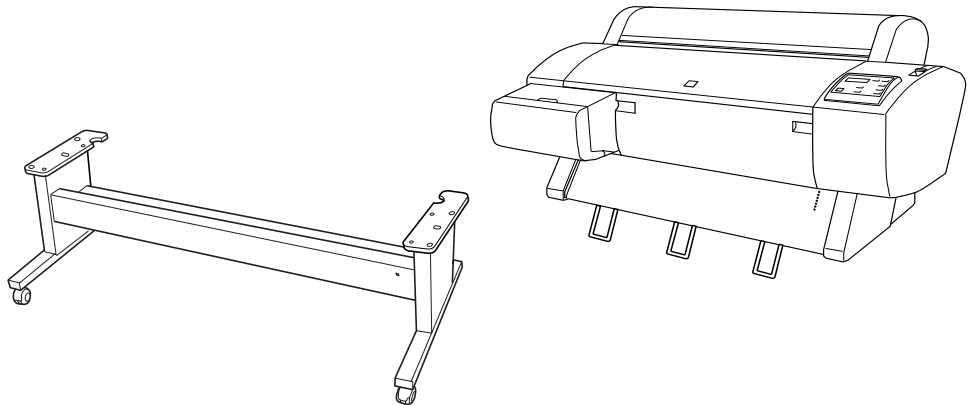
- M: Roll paper spindle
- N: Roll paper (EPSON Doubleweight Matte Paper)
- O: Ink cartridges
- P: Roll paper belt (for keeping roll paper wound up)
- Q: Power cord
- R: Printer

Mounting the Printer on the Stand

1. Lock the two casters to keep the stand from rolling. Then extend the stabilizer knobs.



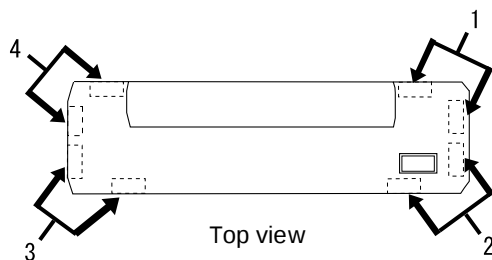
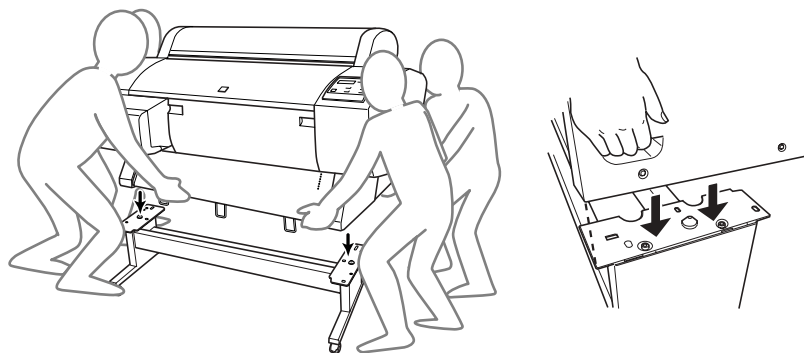
2. Orient the printer in relation to the stand as shown:



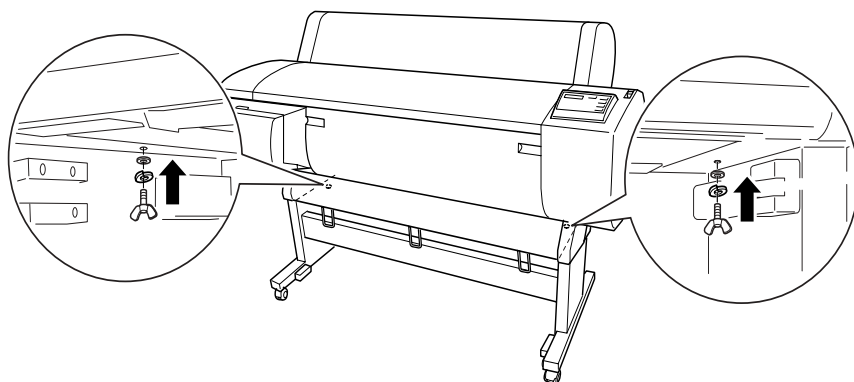
3. Using four people, grasp the printer in the four locations as shown, and set the printer on the stand:



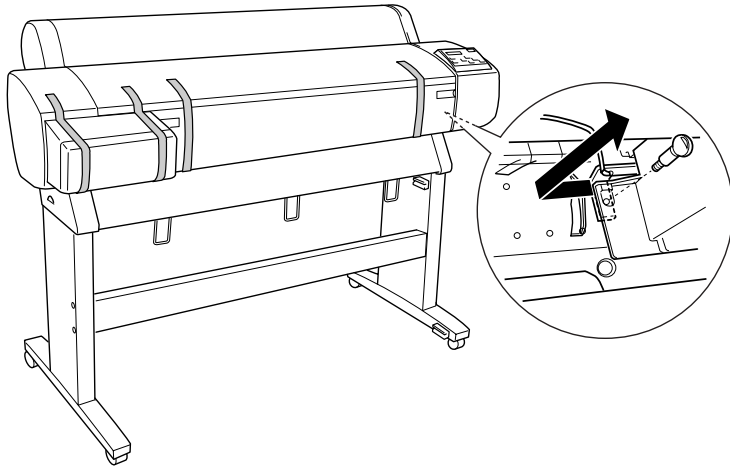
Do not attempt to lift the printer with fewer than four people.



4. Fasten the printer to the stand with wing nuts, spring washers, and plain washers (I).



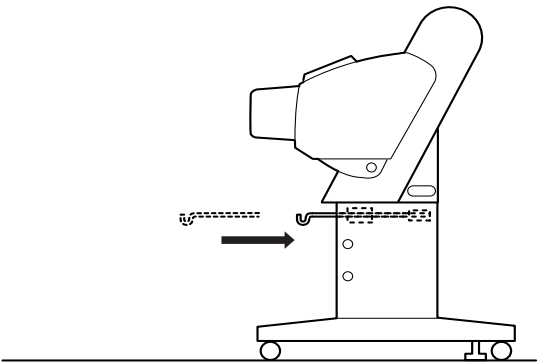
5. Remove any packing tape from the printer. Be sure to check underneath and on the sides.



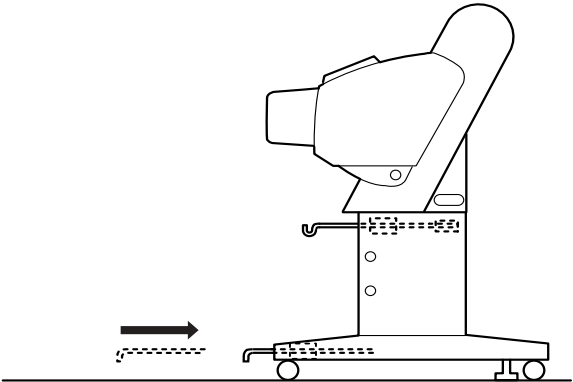
6. Open the front cover. Then unscrew the bolt and remove the bracket securing the print head, as shown above. Save these parts in case you need to ship the printer.
7. Close the front cover.
8. Raise the stabilizer knobs and unlock the casters. Then move the printer to the place of use. (The casters are meant for moving the printer for only a short distance.) Lock the casters and extend the stabilizer knobs after moving.

Attaching the Basket

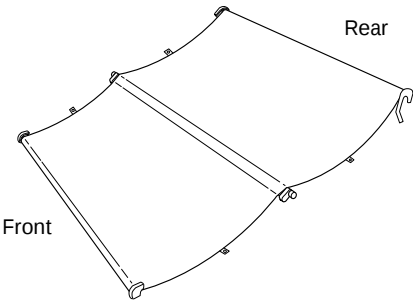
1. Attach the short basket hooks to the upper guides:



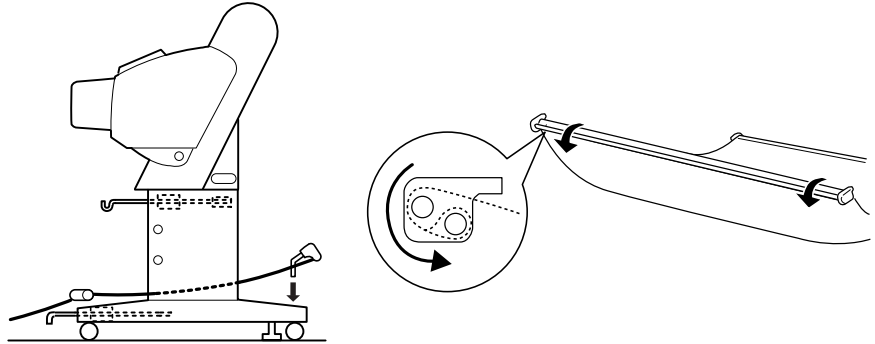
2. Attach the long basket hooks to the lower guides:



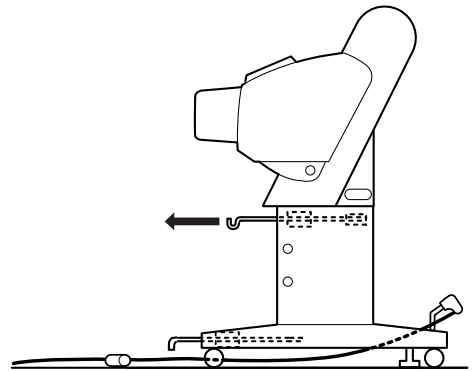
3. Turn the basket so its seams face downward, and spread it on the floor.



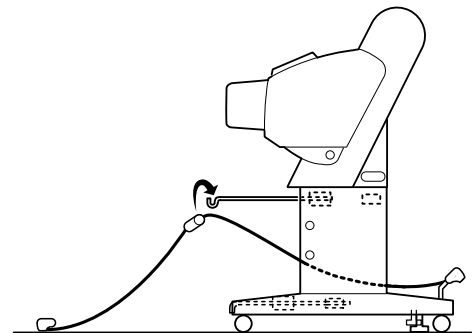
4. Pass the basket's rear bar to the back of the printer. Rotate the bar one revolution so that the fabric folds around the bar. Then insert the plastic pins into the stand as shown.



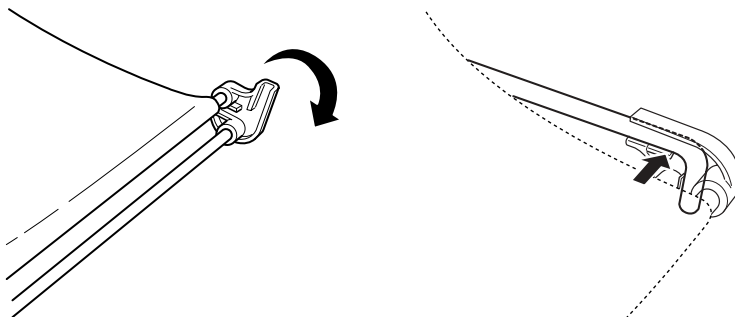
5. Slide out the upper basket hooks to their full length.



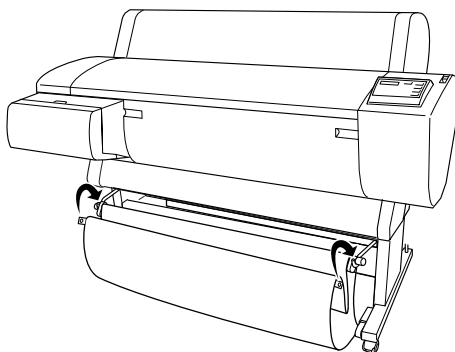
6. Hook the middle bar of the basket as shown.



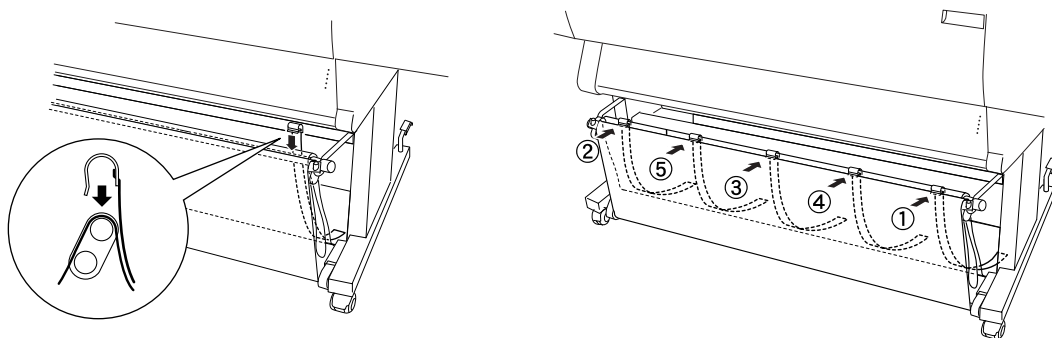
7. Hold the front bar and turn it one revolution. Then attach the lower basket hooks to the connectors.



8. Push the upper and lower basket hooks back in.
9. Hook the basket rings to take up the slack.



10. Hook the paper supports so they hang along the inside of the basket. Install them in the order indicated below.

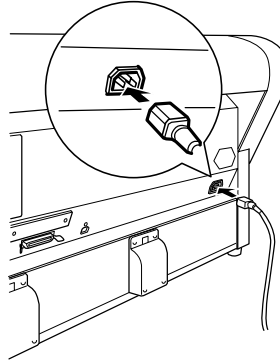




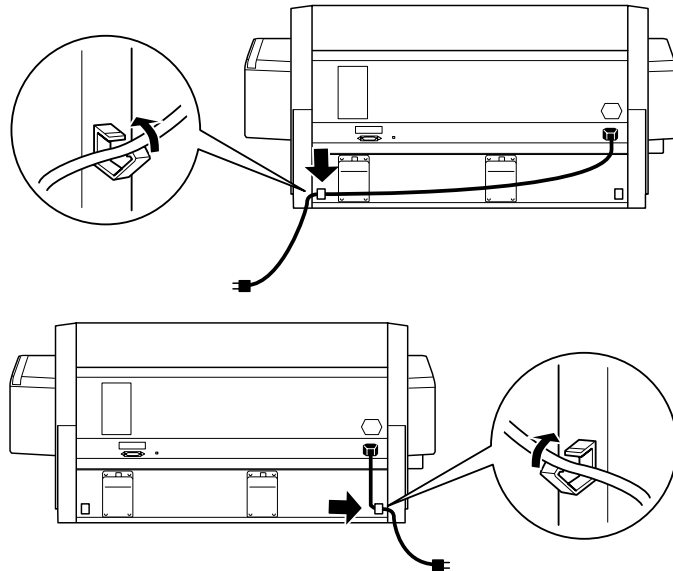
Do not use an outlet that is controlled by an automatic timer or wall switch. Otherwise, you may accidentally shut off the printer and cause damage.

Connecting the Power Cord

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



2. Route the power cord through one of the hooks on the left or right side as shown.



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

Installing the Ink Cartridges

Make sure the first ink cartridges you install are the correct type for your printer: EPSON UltraChrome™ ink or EPSON Photographic Dye™ ink. The chips on the cartridges are programmed to initialize the printer as the correct ink model. This determines the type of ink your printer will use for its entire lifetime.



Make sure you've removed the shipping bracket before installing ink cartridges (see page 22 or page 33).

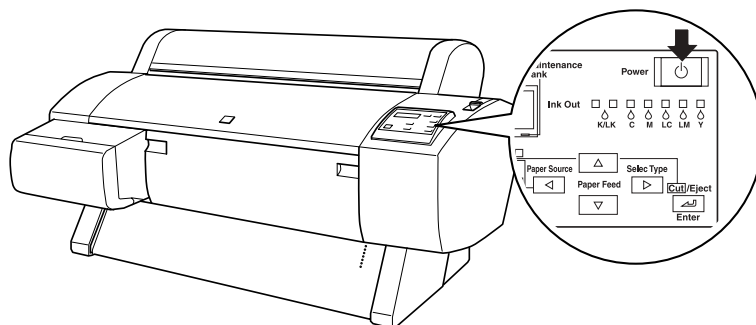
If you have an UltraChrome ink printer, two black ink cartridges are included: Photo Black and Light Black. Installing these cartridges causes the printer to operate in Photo Black Mode (see page 146).

- If you prefer to run your printer in Matte Black Mode, you can install an optional Matte Black cartridge in place of the Photo Black cartridge.
- If you want to run the printer in Dual Matte Black Mode, you should install two Matte Black cartridges in the black ink slots.

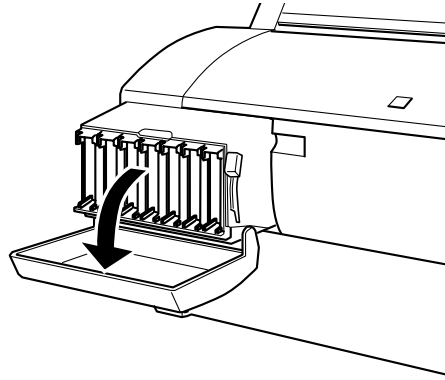
If your printing needs change at a later time, you can switch between black ink modes; see page 146.

Before you begin, make sure the printer is plugged into a grounded outlet. Follow these steps to install the cartridges:

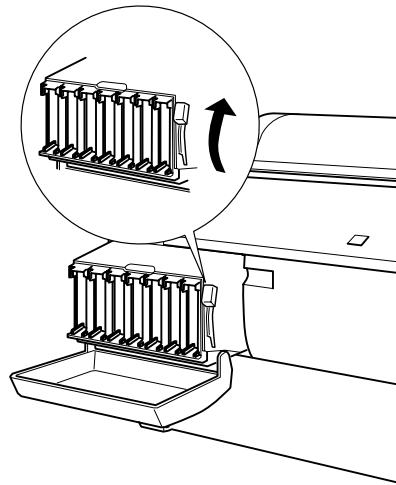
1. Press the  Power button on the control panel to turn the printer on.



2. Open the ink compartment cover.



3. Raise the ink lever to the unlocked position.



4. Locate the ink cartridges that came with the printer.



If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them immediately with water.

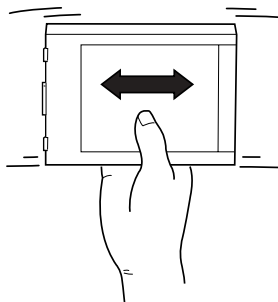


If you can't insert the cartridge smoothly, you may have the wrong cartridge.

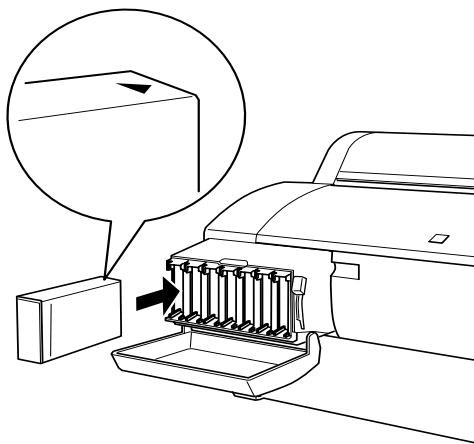


To initialize the printer in Matte Black Mode, install a Matte Black cartridge in the first slot and a Light Black cartridge in the second slot. For Dual Matte Black usage, install Matte Black cartridges in both slots.

5. Remove each cartridge from its packaging. If you're using EPSON UltraChrome ink, gently shake each cartridge before installing it.



6. Install the ink cartridges in the printer. Hold each cartridge with the arrow mark pointing toward the printer. Insert it until the corresponding Ink Out light turns off on the control panel.
 - Photographic Dye ink users: insert the black ink cartridges in the first two slots on the left.
 - UltraChrome ink users: if you're installing the included cartridges, insert the Photo Black cartridge in the first slot on the left, then insert the Light Black cartridge in the second slot. (Otherwise, see the note at left.)



7. After installing all the cartridges, lower the ink lever to the locked position and close the ink compartment cover.



Never turn off the printer or change the position of the ink lever while the Pause light is flashing.

The printer begins charging the ink delivery system and the Pause light flashes. This takes about 10 minutes. **Do not turn off the printer or interrupt this process, or you'll use more ink than necessary.**

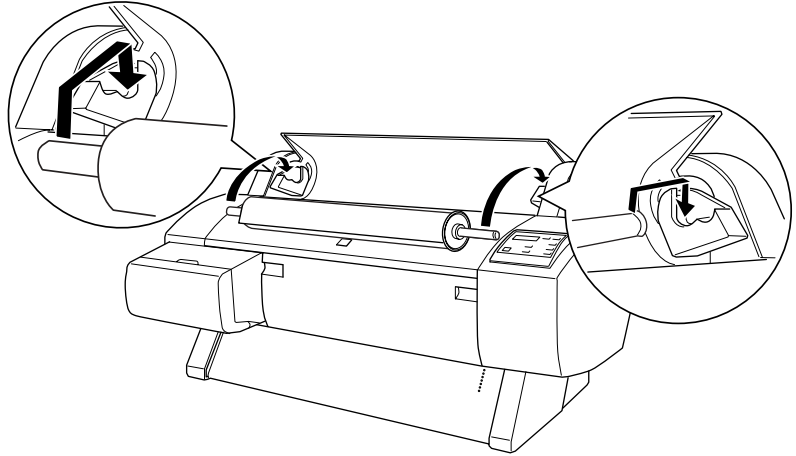
When the Pause light stops flashing and Paper Out appears on the control panel, you're ready to load the roll paper.

Loading Roll Paper

Before you begin, locate the roll paper that came with your printer and remove it from its protective packaging. The paper may already be loaded on the spindle. (If it isn't, see "Loading the Paper onto the Spindle" on page 70.)

Follow these steps to place the paper in the printer:

1. Open the roll paper cover.
2. Place the roll paper in the printer as shown. (The white end of the spindle goes on the right.)

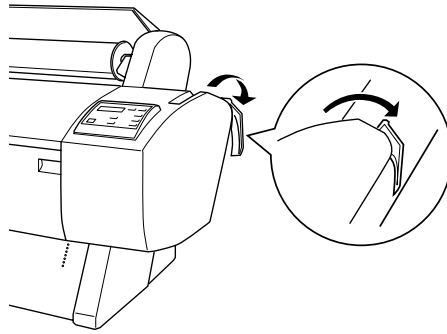


Note

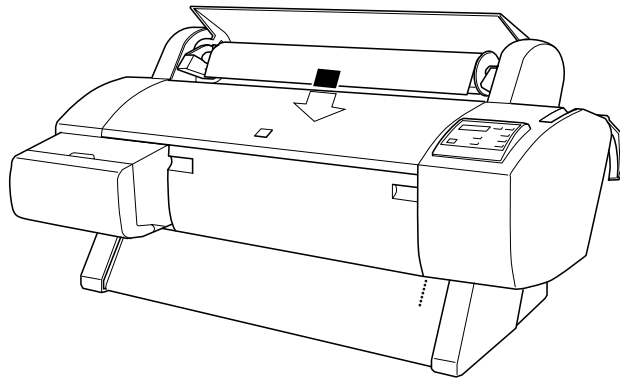
To avoid feeding excess paper, make sure you don't select Sheet when you're using roll paper.

3. Make sure the printer is turned on, then press the **Paper Source** button until the **Roll Auto Cut** light comes on.

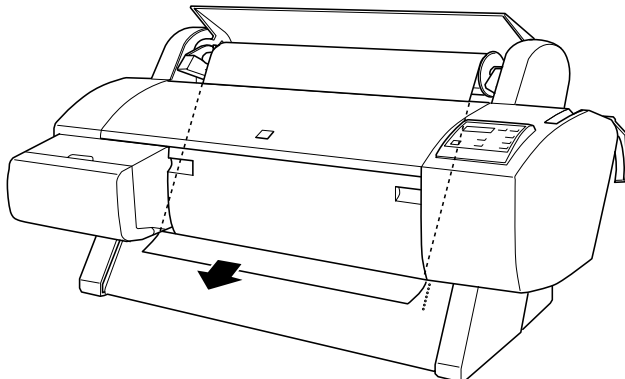
4. Move the paper lever back to the released position.



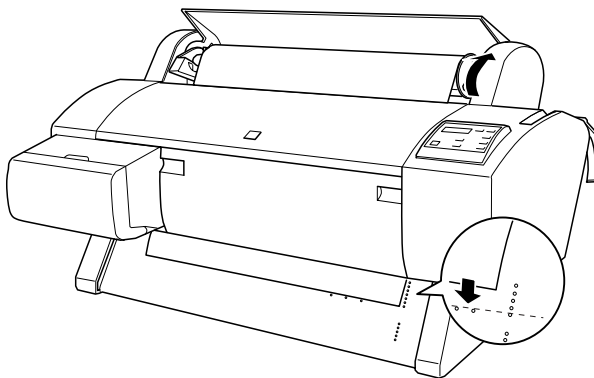
5. Feed the paper into the slot.



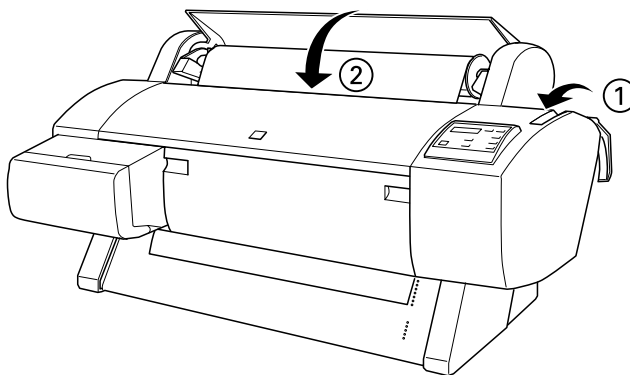
6. Pull the paper down so it extends all the way through the slot.



7. Turn the roll back to remove any slack. Then align the bottom edge of the paper with the horizontal row of holes, as shown. (Do not extend the paper past the row of holes.)



8. Pull the paper lever forward to the locked position, then close the roll paper cover.



9. Press the **Pause** button (or wait for 5 seconds). The paper feeds into printing position automatically and **READY** appears on the control panel.



The optional FireWire card allows multiple printers to be daisy-chained to your system, and can keep them all running at the full speed of the print engine.

EPSON's optional Ethernet card keeps your printer running at full speed, limited only by the bandwidth of your network. To provide adequate bandwidth, you need a *switched* 100 Mbit hub on your network.

Connecting the Printer to Your Computer

Depending on your system, you can connect the printer to your computer using any of the following:

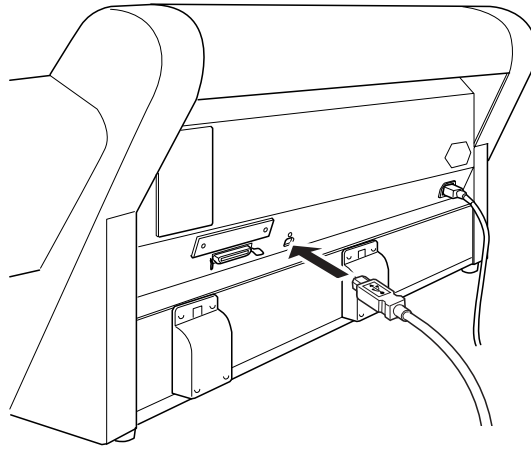
- USB interface—for Windows 98, Me, 2000, XP, and Macintosh (see page 46)
- Parallel interface—for Windows (see page 47)
- Optional IEEE 1394 FireWire interface card—for Windows Me, 2000, XP, and Macintosh (see page 48)
- Optional 10/100 BaseT Ethernet interface card—network connectivity for all systems (see page 48)

In some cases, it may be to your advantage to use an optional interface card instead of the built-in port (see note to the left). If you choose to purchase an optional interface card, see page 10 for ordering information.

Connecting to the USB Port

To connect the printer to a USB port, you need a standard shielded USB cable. Follow the steps below to connect the printer to your computer:

1. Make sure both the printer and your computer are turned off.
2. Connect the  square end of the USB cable to the USB port on the back of your printer.



Note



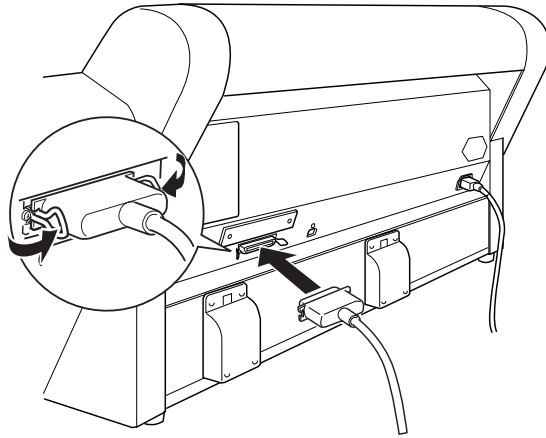
If the printer doesn't work when you attach it to a first tier USB hub port, connect it directly to the USB port on your computer.

3. Connect the  flat end of the USB cable to your computer's USB port or a first tier USB hub port.

Connecting to the Parallel Port (Windows Only)

To use the printer's built-in parallel interface, you need a shielded, bidirectional, parallel cable. Follow the steps below to connect the printer to your computer:

1. Make sure both the printer and your computer are turned off.
2. Plug the cable connector securely into the printer's interface. Then squeeze the wire clips together until they lock into place on both sides.



3. Plug the other end of the cable into the computer's parallel port.

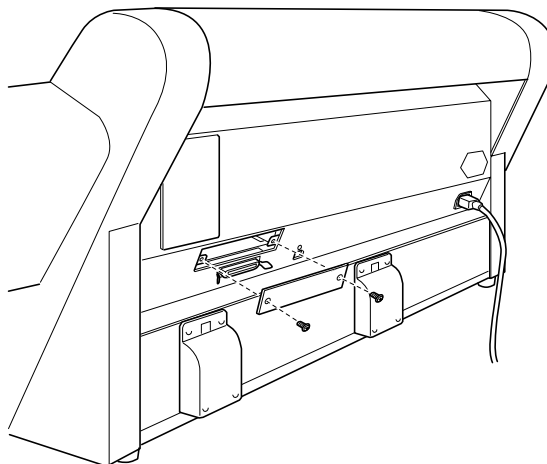


You *must* unplug the printer from the power outlet, or you may damage the printer and the card.

Installing and Connecting to an Optional Interface Card

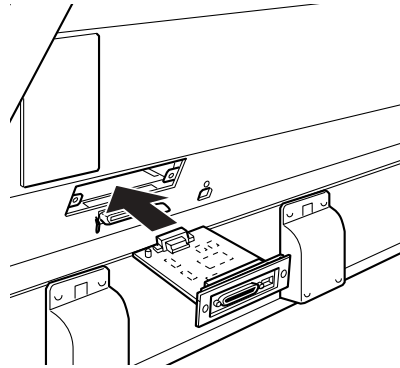
To connect the printer to an optional FireWire or Ethernet card, you first need to install the card in your printer. You also need the appropriate cable. Follow the steps below.

1. Turn off your computer and your printer.
2. **IMPORTANT:** Unplug the printer from its electrical outlet. Not doing so may cause damage to the printer and the card.
3. Disconnect any interface cables from the printer.
4. Remove the two screws and take off the interface slot cover as shown:

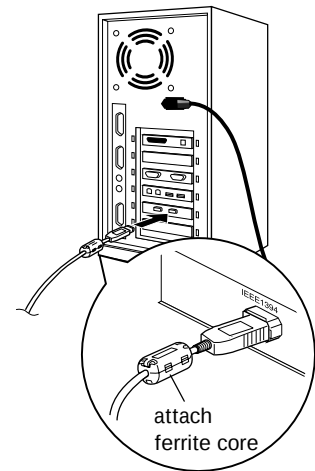


5. Set the DIP switches and jumpers on the card, if necessary. See the manual that came with the card for details.

6. Insert the interface card as shown, then secure it with the two screws.



7. Connect one end of the appropriate cable to the card. Then connect the other end to your computer's FireWire port or Ethernet port or hub.
8. If you're using FireWire, attach the ferrite core included with your printer to the cable as shown.



If you've installed an Ethernet card, you can find more information on setting up your printer in the *Reference Guide* included on the CD-ROM that came with the printer. See "Setting Up Your Printer on a Network" in the Printing with Windows or Printing with Macintosh section of the *Reference Guide*.



Turn off all virus protection programs before you install your printer software.



OS X printer driver software and installation instructions are available on the EPSON web site at www.epson.com.

If you install OS X drivers, you should also install the OS 9 drivers to be able to print from applications running in Classic mode.

Installing the Printer Software

Follow the steps below (for Macintosh) or on page 52 (for Windows) to install your printer software.

Installing the Software for Macintosh OS 8.5 to 9.x

After connecting the printer to your Macintosh, you need to install the printer driver and utilities included on your printer software CD-ROM. Follow these steps:

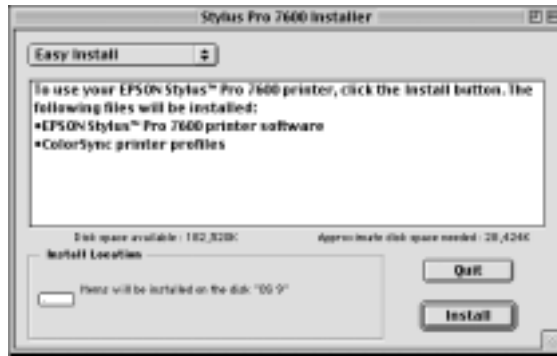
1. Turn on your Macintosh and your printer.
2. Insert the printer software CD-ROM in your computer. If necessary, double-click the EPSON CD-ROM to open its window.
3. Double-click the  icon.
4. Double-click the menu option for your printer. Be sure to select the correct model and ink type—UltraChrome or Photographic Dye.

Double-click
your printer



5. At the next screen, click Continue.
6. Read the license agreement and click Accept.

The following dialog box appears:



7. Click the Install button, then click Continue on the next screen.
8. Follow the instructions to install your software and select a default paper size. When you see a message informing you that installation is complete, click Restart to restart your Macintosh.



Note

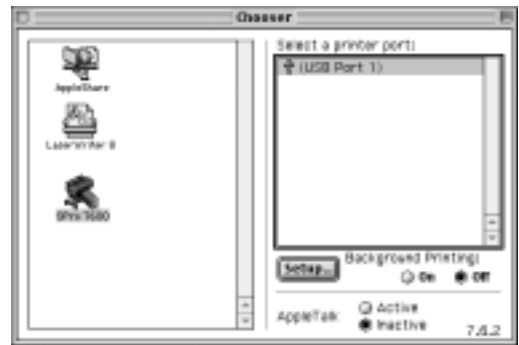
If you're on an AppleTalk network and the AppleTalk setting in the Chooser is Active, you may see an alert message when you click the USB port icon. Select Inactive as the AppleTalk setting, then select the USB port icon. If you're using your Macintosh in an Ethernet environment, you can leave the AppleTalk setting Active.

9. After your Macintosh restarts, select Chooser from the Apple menu.

If you're going to be sharing the printer on an AppleTalk® network, skip ahead to page 54.

10. Click the icon for your printer, then click the printer port icon.
11. Select the appropriate **Background Printing** button to turn on or off background printing.

With background printing on, you can use your Macintosh while it's preparing a document for printing, and use the EPSON Monitor3 utility to manage print jobs.



12. Close the Chooser, then go to page 54.

Installing Software for Windows



If you've installed a FireWire or Ethernet card, you may see additional screens as Windows installs the drivers for your card.

After connecting the printer to your computer, you need to install the printer driver and utilities on your printer software CD-ROM. Follow these steps:

1. Make sure your printer is turned off.
2. Turn on your computer and start Windows.
3. Insert the printer software CD-ROM in your computer. The installer starts automatically. If it doesn't start, double-click **My Computer** or click **Start > My Computer**. Then double-click your CD-ROM icon.
4. Double-click the menu option for your printer. Be sure to select the correct model and ink type—UltraChrome or Photographic Dye.



If you're connecting with a parallel cable or Ethernet card, *do not* turn on your printer when you see a window telling you to do so. Instead, wait until the **Stop Searching** button appears. Then click the button and go to step 7.

Double-click
your printer



When installation is complete, the port setting defaults to LPT1 (parallel port). If you're using an Ethernet card, you'll have to reconfigure the port setting. See your electronic *Reference Guide* for details.

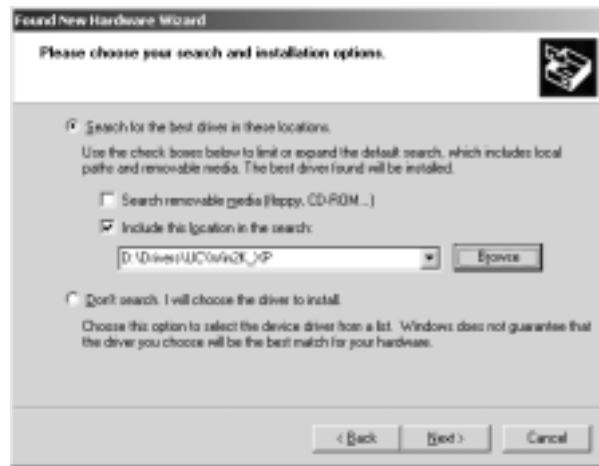
5. **Windows XP:** If you see a message that the software you are installing hasn't passed Windows Logo testing, click **Continue Anyway**.
If you see this message again during installation, be sure to click **Continue Anyway**.
6. If you're connecting with a parallel cable or network interface card, see the note at left. Otherwise, follow the instructions below for your operating system.

Windows 95 or NT: Turn on your printer and go to step 7.

Windows 98, Me, or 2000: When you see a window asking you to turn on your printer, press the  Power button. Then go to step 7.

Windows XP:

- When you see a window asking you to turn on your printer, press the  Power button.
- If you see a message that your printer is not connected properly, ignore it (do not click Retry or Cancel). If necessary, drag the window to the side.
- Wait until you see the Found New Hardware Wizard for the Stylus Pro 7600 or 9600. This may take a minute or two.
- Once the Found New Hardware Wizard appears, click Install from a list or specific location, then click Next.
- Locate the Drivers\UC\Win2K_XP folder (for UltraChrome) or the Drivers\PD\Win2K_XP folder (for Photographic Dye) on your CD-ROM drive, as shown below. Then click Next.



7. When you see a message informing you that installation is complete, click OK or Finish. If asked to do so, restart your computer.
8. If any screens remain open or continue to open, close them to exit.

Running a Nozzle Check

The nozzle check prints a pattern of dots that lets you see if any print head nozzles are clogged. Follow the steps below to print a nozzle check from your printer software (this also lets you verify that your printer is connected and working properly).



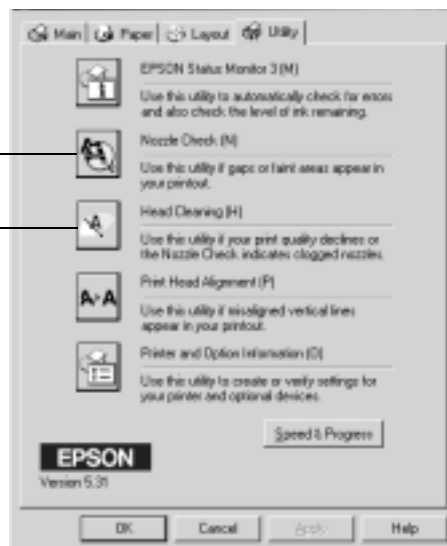
Use the paper that came with your printer for printing the nozzle check. That way, you can save your higher-quality paper for actual print jobs.

1. Make sure the printer is turned on and the paper that came with your printer is loaded.
2. Do one of the following:
 - **Macintosh:** Open an application and choose Print from the File menu. Then click the  utility button.
 - **Windows:** Click Start, point to Settings, and select Printers. Right-click your printer icon, and then select Properties (Windows 95, 98, or Me), Document Defaults (Windows NT) or Printing Preferences (Windows 2000). Then click the Utility tab.
 - **Windows XP:** Click Start and select Control Panel. Double-click Printers and Other Hardware, then double-click Printers and Faxes. Right-click your printer icon and select Printing Preferences. Then click the Utility tab.

You see the Utility menu:

Click to run a
nozzle check

Click to run the
head cleaning
utility



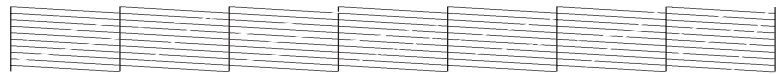


Use the eye loupe that came with the printer to examine the pattern. Even if all the dots printed, you may be able to see misaligned or “deflected” dots. Deflected dots, like missing ones, indicate that you should clean the print head.

3. Click the **Nozzle Check** button and follow the instructions on the screen to print a nozzle check pattern.
4. Examine the nozzle check pattern. The pattern should be complete, with no missing dots or gaps in the pattern:



5. If the pattern is complete, click **Finish** and close the Utility menu, then continue on to “Aligning the Print Head” on page 57.
6. If the pattern is missing any dots, as shown below, click **Clean** and follow the instructions on screen to clean the print head. Cleaning takes about 60 seconds, during which the printer makes some noise and the **Pause** light flashes.



7. When the **Pause** light goes off, make sure paper is loaded in the printer, then:

Macintosh: Click **Confirmation**, then click **Next**.

Windows: Click **Print Nozzle Check Pattern**, then click **Print**.

The nozzle check pattern prints.

8. If the nozzle check pattern is complete, click **Finish**.

If the pattern is still missing dots, click **Clean** to clean the print head again. It may take several cleaning cycles to clean the print head fully. If you're unable to clean the print head fully from the printer software, follow the instructions in the next section.

Cleaning the Print Head from the Control Panel

If you're unable to clean the print head fully from the printer software, you can use the printer's control panel to perform a power cleaning. You should not perform a power cleaning more often than necessary, since it consumes additional ink.

1. Press the **SelectType** button on the control panel. You see **PRINTER SETUP**.
2. Press **▲** until you see **MAINTENANCE**, then press **►**. You see **PWR CLEANING**.
3. Press **►** until **EXEC** appears on the display, then press **Enter**.

The printer performs the power cleaning. Do not turn off the printer or interrupt this process until it is complete.

If the lines on the pattern are still missing dots after running a power cleaning, turn the printer off and leave it overnight, then clean the print head again the following morning. If you still see no improvement, contact EPSON for assistance.

Aligning the Print Head

Before using the printer, you should align the print head to ensure clean, accurate printouts. To do the alignment, you have to print a set of alignment patterns. Make sure you've run a nozzle check, as described on page 54, before you begin. If the print head nozzles are clogged, the patterns won't print correctly and your print head alignment won't be accurate.

1. Make sure the printer is turned on, then load roll paper that is at least 24 inches wide. For best results, use EPSON Doubleweight Matte paper (this is the type of paper that came with your printer).
2. Press the **SelectType** button on the control panel. You see **PRINTER SETUP**.
3. Press **▲** until you see **HEAD ALIGNMENT**, then press **►**. You see **PAPER THKNS**.
4. Press **►** until ***STD** appears on the display. This is the correct thickness setting for most EPSON papers.
5. Press **Enter**.
6. Press the **▲** or **▼** button to select the desired alignment mode (**UNI-D ALL**, **BI-D BLACK**, or **BI-D ALL**), then press **Enter** to start printing the alignment patterns. After they print, see the appropriate section on the following pages, depending on the selected mode.



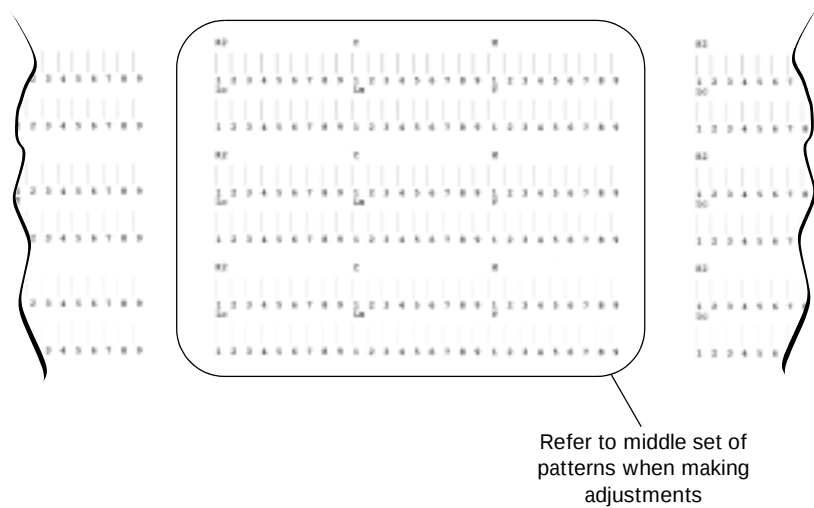
When performing the BI-D alignments, always do them in this order: **UNI-D ALL**, then **BI-D BLACK**, then **BI-D ALL**. Do not repeat the **BI-D BLACK (K1)** alignment afterward.

In general, you should perform all three types of alignments. If you plan to print only unidirectionally, you may only need to adjust **UNI-D ALL**. If you plan to print bidirectionally, perform the **UNI-D ALL** alignment first, then **BI-D BLACK**, then **BI-D ALL**.

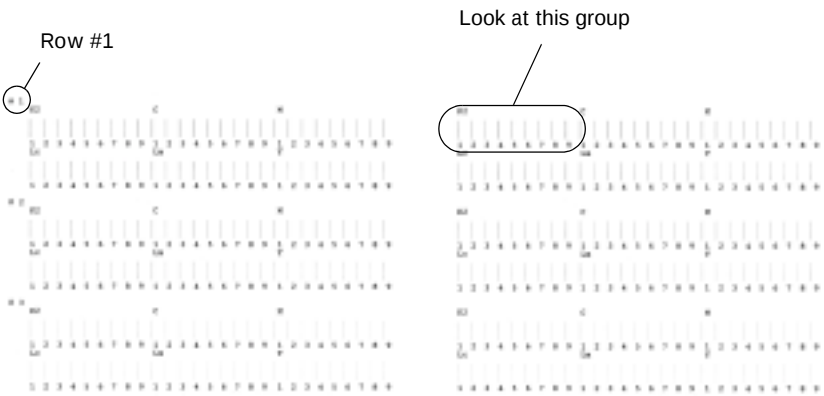
Examining the UNI-D ALL Alignment Pattern

Follow these steps when the UNI-D ALL patterns finish printing:

1. Depending on the width of the paper loaded in the printer, more than one set of patterns may be printed. Locate the patterns in the middle of your printout. In the steps that follow, refer to those patterns to make your adjustments, instead of the ones printed toward the left or right.



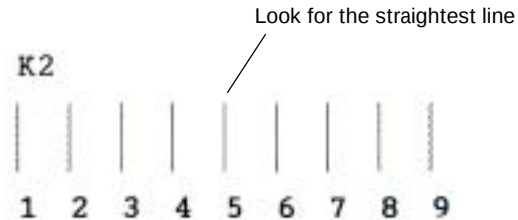
2. Look at the display screen on the printer. Notice that it is prompting you to choose the best line in the group labeled K2 in row #1.



**Note**

You must use at least a 10× eye loupe to check the pattern.

- Use your own eye loupe or the one that came with the printer to determine which line is the straightest. In this example, the middle line (numbered 5) is the best choice.

**Note**

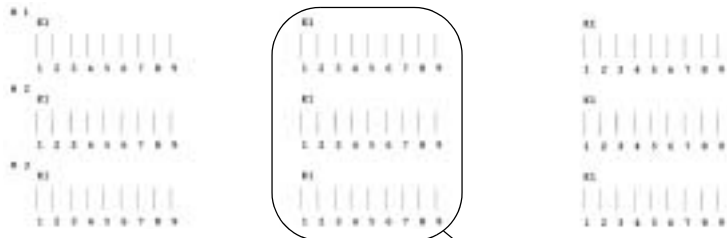
If number 5 is the straightest line in each group, the print head is already properly aligned. Press Pause to exit the head alignment early.

- If number 5 is the straightest line, press **Enter** to accept it (5 is the default setting). Otherwise, use the ▲ or ▼ button to select the number of the straightest line, then press **Enter**.
- Repeat this process to examine the remaining color groups in row #1: C, M, Lc, Lm, and Y. In each case, select the number of the straightest line, then press **Enter**.
- Repeat this process to examine the groups of lines in rows #2 and #3.
- When done, press **Pause** to exit the head alignment.

Examining the BI-D BLACK (K1) Alignment Pattern

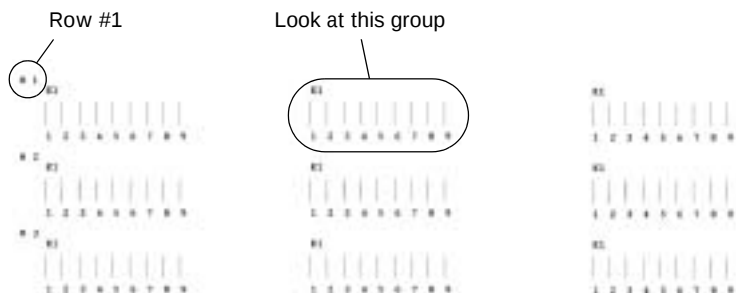
Follow these steps when the BI-D BLACK (K1) patterns finish printing:

- Depending on the width of the paper loaded in the printer, more than one set of patterns may be printed. Locate the patterns in the middle of your printout. In the steps that follow, refer to those patterns to make your adjustments, instead of the ones printed toward the left or right.



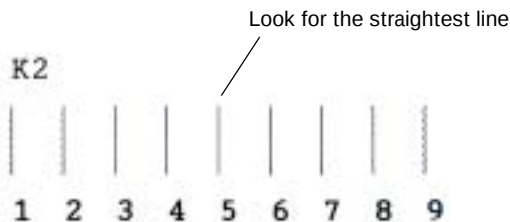
Refer to middle set of patterns when making adjustments

2. Look at the display screen on the printer. Notice that it is prompting you to choose the best line in the group labeled K1 in row #1.



You must use at least a 10× eye loupe to check the pattern.

3. Use your own eye loupe or the one that came with the printer to determine which line is the straightest. In this example, the middle line (numbered 5) is the best choice.



If number 5 is the straightest line in each group, the print head is already properly aligned. Press Pause to exit the head alignment early.

4. If number 5 is the straightest line, press Enter to accept it (5 is the default setting). Otherwise, use the ▲ or ▼ button to select the number of the straightest line, then press Enter.
5. Repeat this process to examine the lines in rows #2 and #3. In each case, select the number of the straightest line, then press Enter.
6. When done, press Pause to exit the head alignment.

Note

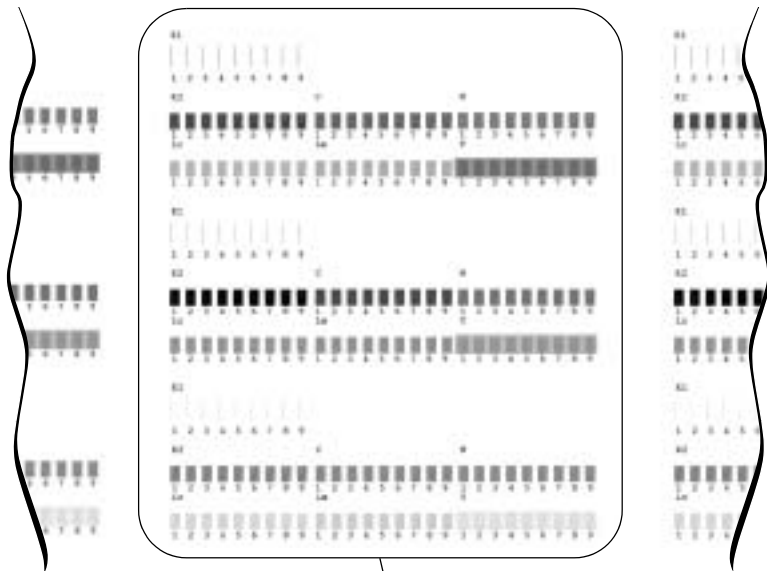
Be sure to perform the BI-D BLACK alignment before running this one.

Examining the BI-D ALL Alignment Pattern

Follow the steps below when the BI-D ALL patterns finish printing.

IMPORTANT: Do *not* enter an adjustment value for K1 when prompted, or your color alignments won't be accurate.

1. Depending on the width of the paper loaded in the printer, more than one set of patterns may be printed. Locate the patterns in the middle of your printout. In the steps that follow, refer to those patterns to make your adjustments, instead of the ones printed toward the left or right.

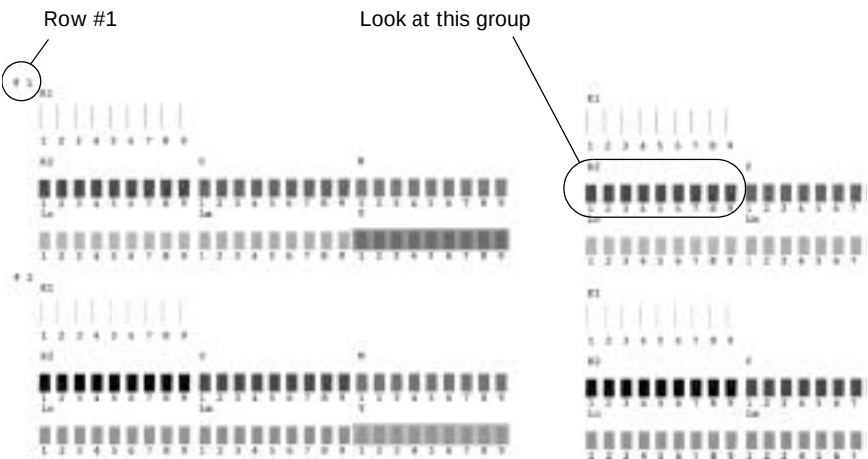


Refer to middle set of patterns
when making adjustments

2. Look at the display screen on the printer. It shows #1 K1.

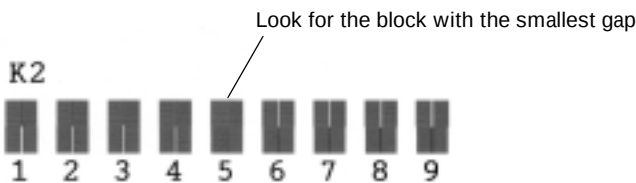
Do *not* change the adjustment value for K1. Press Enter and continue with the following steps.

3. The printer is now prompting you to choose the best block in the group labeled K2 in row #1.



You must use at least a 10× eye loupe to check the pattern.

4. Use your own eye loupe or the one that came with the printer to determine which block has the least visible vertical line. In this example, the middle block (numbered 5) is the best choice.



If number 5 is the best block in each group, the print head is already properly aligned. Press Pause to exit the head alignment early.

5. If number 5 is the best block, press Enter to accept it (5 is the default setting). Otherwise, use the ▲ or ▼ button to select the number of the best block, then press Enter.
6. Repeat this process to examine the remaining blocks in row #1: C, M, Lc, Lm, and Y. In each case, select the number of the best block, then press Enter.
7. Repeat this process to examine the groups of blocks in rows #2 and #3.
- IMPORTANT:** Do *not* enter an adjustment value for K1 when prompted, or your color alignments won't be accurate.
8. When done, press Pause to exit the head alignment. The printer will remember your alignment values and use them when printing.

Chapter 2: Handling Paper and Other Media

The EPSON Stylus Pro 7600 and 9600 print on a variety of media, including roll paper and cut sheets up to 44 inches wide (for the Stylus Pro 9600) or 24 inches wide (for the Stylus Pro 7600). You can also use heavy stock, including posterboard up to 59 mil (1.5 mm) thick.

This chapter includes the following information:

- Selecting media for your printer
- Printing on EPSON media
- Using roll paper
- Printing on cut sheet paper and posterboard
- Using the paper basket
- Changing the settings for non-EPSON paper

Selecting Media For Your Printer

You can print on most types of coated, glossy, plain paper, and other media. A high-tension spindle is also available for printing on certain media such as EPSON Synthetic Paper, Smooth Fine Art Paper, and Textured Fine Art Paper; this keeps the correct amount of tension on the paper and prevents horizontal banding in your printouts.

The following table shows the allowable sizes of paper you can use:

Stylus Pro 7600/9600 allowable paper sizes

	Roll paper	Cut sheets
Size (Stylus Pro 9600)	8.3 to 44.0 in. wide (210 to 1118 mm)	8.5 × 11 in. up to 44 in. wide
Size (Stylus Pro 7600)	8.3 to 24.0 in. wide (210 to 610 mm)	8.5 × 11 in. up to 24 in. wide
Maximum external roll diameter	2 in. core: 4 in. (103 mm) 3 in. core: 6 in. (150 mm)	—
Thickness	3.15 to 19.7 mil (0.8 to 0.5 mm)	3.15 to 59 mil (0.8 to 1.5 mm)



You can purchase additional roll paper spindles and other accessories or options from the EPSON Pro Graphics web site (<http://prographics.epson.com>) or your authorized EPSON dealer.

Always test samples of paper stock in the printer before purchasing large quantities or printing large jobs. When you use non-EPSON paper or other media, you may need to “profile” their thickness and adjust various settings. See page 85 for instructions.

Printing on EPSON Media



Check the EPSON Pro Graphics web site (<http://prographics.epson.com>) or your authorized EPSON dealer for other media that may be available.

EPSON papers, which are specially designed for the inks used in the printer, ensure high-quality results. The following tables list the product codes for the EPSON media available for your printer.

Stylus Pro 7600/9600 Photographic Dye ink model

Paper type	Roll sizes	Sheet sizes
Premium Glossy Photo Paper (250)	8.3-inch roll: S041376 13-inch roll: S041378 24-inch roll: S041638 36-inch roll: S041639 44-inch roll: S041640	11" × 17": S041290 11.7" × 16.5": S041288 13" × 19": S041289
Premium Luster Photo Paper	10-inch roll: S041644 20-inch roll: S041645 24-inch roll: S041461 36-inch roll: S041462 44-inch roll: S041463	8.5" × 11": S041405 11.7" × 16.5": S041406 13" × 19": S041407
Premium Semigloss Photo Paper	—	8.5" × 11": S041331 13" × 19": S041327
Premium Semimatte Photo Paper (250)	24-inch roll: S041655 36-inch roll: S041656 44-inch roll: S041657	—
Photo Paper	13-inch roll: S041233	8.5" × 11": S041141, S041271, S041272 8.3" × 11.7": S041140 11.7" × 16.5": S041142 11" × 17": S041156 13" × 19": S041143 8.3" × 23.4" (Panoramic): S041145
Photo Glossy Paper	24-inch roll: SP91021 36-inch roll: SP91001 44-inch roll: SP91002	—

Stylus Pro 7600/9600 Photographic Dye ink model (continued)

Paper type	Roll sizes	Sheet sizes
Photo Semigloss Paper	24-inch roll: SP91022 36-inch roll: SP91003 44-inch roll: SP91004	—
Photo Quality Ink Jet Paper	—	11" × 17": S041070 13" × 19": S041069 16.5" × 23.4": S041079 17" × 22": S041171 16.5" × 49.21' (Banner): S041102
ColorLife™ Photo Paper Semigloss	24-inch roll: S041664 44-inch roll: S041666	—
Presentation Matte Paper	24-inch roll: S041295 36-inch roll: S041221 44-inch roll: S041220	—
Doubleweight Matte Paper	24-inch roll: S041385 36-inch roll: S041386 44-inch roll: S041387	—
Enhanced Matte Paper	24-inch roll: S041595 36-inch roll: S041596 44-inch roll: S041597	8.5" × 11": S041341 13" × 19": S041339
Matte Paper - Heavyweight	—	8.5" × 11": S041257 11.7" × 16.5": S041260 13" × 19": S041263
Enhanced Matte Posterboard	—	24" × 30": S041598 30" × 40": S041599
EPSON Proofing Paper Commercial Semimatte	13-inch roll: S041668 24-inch roll: S041658 36-inch roll: S041659 44-inch roll: S041660	—
Glossy Paper Heavyweight	24-inch roll: S041291 36-inch roll: S041227 44-inch roll: S041226	—

Stylus Pro 7600/9600 Photographic Dye ink model (continued)

Paper type	Roll sizes	Sheet sizes
Semigloss Paper	24-inch roll: S041292	—
Heavyweight	36-inch roll: S041229	
	44-inch roll: S041228	
Posterboard Semigloss	—	20.25" × 28.7": S041237 28.7" × 40.6": S041236
Backlight Film	24-inch roll: S041482 36-inch roll: S041483 44-inch roll: S041484	—

Note

Check the EPSON Pro Graphics web site (<http://prographics.epson.com>) or your authorized EPSON dealer for other media that may be available.

Stylus Pro 7600/9600 UltraChrome ink model

Paper type	Roll sizes	Sheet sizes
Premium Glossy Photo Paper (250)	8.3-inch roll: S041376 13-inch roll: S041378 24-inch roll: S041638 36-inch roll: S041639 44-inch roll: S041640	11" × 17": S041290 11.7" × 16.5": S041288 13" × 19": S041289
Premium Luster Photo Paper	10-inch roll: S041644 20-inch roll: S041645 24-inch roll: S041461 36-inch roll: S041462 44-inch roll: S041463	8.5" × 11": S041405 11.7" × 16.5": S041406 13" × 19": S041407
Premium Semigloss Photo Paper	—	8.5" × 11": S041331 13" × 19": S041327
Premium Semimatte Photo Paper (250)	24-inch roll: S041655 36-inch roll: S041656 44-inch roll: S041657	—
Photo Glossy Paper	44-inch roll: SP91002 36-inch roll: SP91001 24-inch roll: SP91021	—
Photo Semigloss Paper	44-inch roll: SP91004 36-inch roll: SP91003 24-inch roll: SP91022	—
Doubleweight Matte Paper	44-inch roll: S041387 36-inch roll: S041386 24-inch roll: S041385	—
Enhanced Matte Paper	24-inch roll: S041595 36-inch roll: S041596 44-inch roll: S041597	8.5" × 11": S041341 13" × 19": S041339
Enhanced Matte Posterboard	—	24" × 30": S041598 30" × 40": S041599
EPSON Proofing Paper Commercial Semimatte	13-inch roll: S041668 24-inch roll: S041658 36-inch roll: S041659 44-inch roll: S041660	—
Glossy Paper - Photo Weight	44-inch roll: S041389 22-inch roll: S041388	13" × 19": S041456
Watercolor Paper-Radiant White	—	13" × 19": S041351

Stylus Pro 7600/9600 UltraChrome ink model (continued)

Paper type	Roll sizes	Sheet sizes
EPSON Velvet Fine Art Paper	—	8.5" × 11": S041636 13" × 19": S041637
Somerset Velvet for EPSON Fine Art Paper	24-inch roll: SP91203 44-inch roll: SP91204	24" × 30": SP91200 36" × 44": SP91201 44" × 60": SP91202
Smooth Fine Art Paper*	24-inch roll: S041431 36-inch roll: S041432 44-inch roll: S041433	24" × 30": S041434 36" × 44": S041435
Textured Fine Art Paper*	24-inch roll: S041447 36-inch roll: S041448 44-inch roll: S041449	24" × 30": S041450 36" × 44": S041451
Synthetic Paper*	24-inch roll: S041399 36-inch roll: S041400 44-inch roll: S041401	—
Adhesive Synthetic Paper*	24-inch roll: S041402 36-inch roll: S041403 44-inch roll: S041404	—
Adhesive Vinyl	24-inch roll: S041436 36-inch roll: S041437 44-inch roll: S041438	—
Backlight Film	24-inch roll: S041482 36-inch roll: S041483 44-inch roll: S041484	—
Tyvek® Brillion™	24-inch roll: S041494 36-inch roll: S041495 44-inch roll: S041496	—
Canvas	24-inch roll: S041531 36-inch roll: S041532 44-inch roll: S041533	—

* Requires optional high-tension spindle

Guidelines for Using EPSON Papers

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.
- Always choose the correct Media Type setting in your printer software before you send your job. See page 96 (Macintosh) or page 112 (Windows) for instructions.
- Always select the correct paper source (roll or sheet) in both the printer software and on the printer's control panel. See page 90 (Macintosh) or page 114 (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.

Using Roll Paper

You can use any roll paper with a 2- or 3-inch core, up to 44 inches wide (Stylus Pro 9600) or 24 inches wide (Stylus Pro 7600). Manually switching from one paper roll to another is a simple process.

This section covers the following:

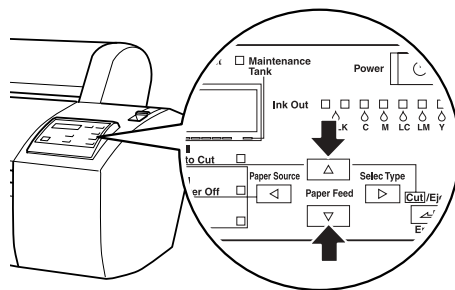
- Guidelines for using roll paper
- Loading roll paper onto the spindle
- Placing roll paper in the printer
- Using the roll paper belt
- Removing paper from the spindle
- Switching between 2-inch and 3-inch roll paper
- Cutting paper manually with the built-in cutter
- Printing trim lines

Guidelines for Using Roll Paper

When printing on roll paper, be sure to follow the media handling guidelines on page 69, as well as these special guidelines for roll paper:

- To keep the paper from unrolling when you're not using it, wrap one of the roll paper belts around the paper (see page 74).
- 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** light on the control panel is off. Press the **Paper Source** button until one of the **Roll** lights comes on:
 - Choose **Roll Auto Cut** if you want the paper to be cut automatically after each page is printed.
 - Choose **Roll Cutter Off** if you're printing on canvas, vinyl, posterboard, or other heavy media. Media that is too thick may damage the cutter. Also choose this setting if you're using the optional auto take-up reel, or if you want to print a series of pages and keep them together for later cutting.
- If you're loading heavy paper, you may need to increase the suction strength 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.



The settings you choose in your printer software always override any control panel settings.

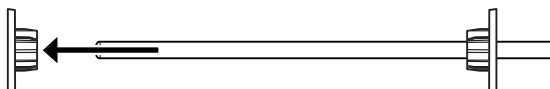


The spindle accommodates both 2-inch and 3-inch roll paper cores. To switch between different size cores, see page 75.

Loading the Paper onto the Spindle

Follow these steps to attach the roll to the spindle:

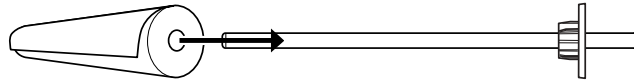
1. Slide the movable paper stop off the left end of the spindle.



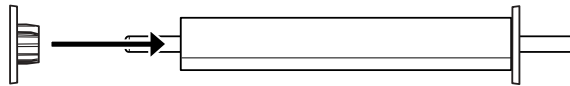
Note

Avoid touching the printable surface of the paper as much as possible. Oils from your skin can affect print quality.

2. Position the roll so the paper unwinds as shown, then slide it onto the spindle:



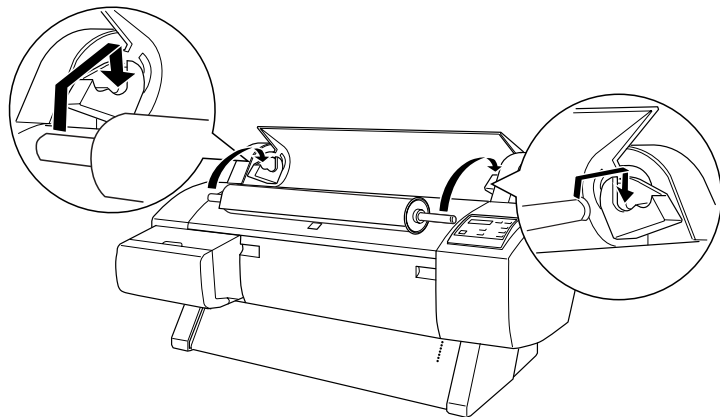
3. Slide the movable paper stop back onto the spindle and insert it into the end of the roll. Make sure it is firmly fixed into the left end of the paper roll.



Placing the Paper in the Printer

Follow these steps to place the paper in the printer:

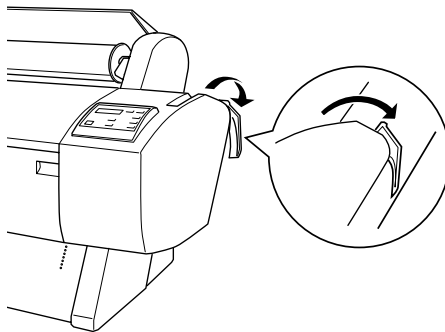
1. Open the roll paper cover.
2. Place the roll paper in the printer as shown. (The white end of the spindle goes on the right.)

**Note**

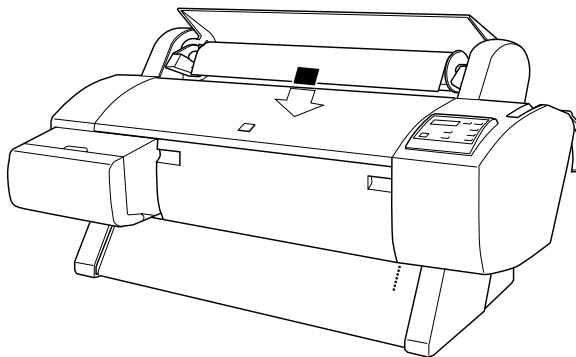
To avoid feeding excess paper, make sure you don't select Sheet when you're using roll paper.

3. Make sure the printer is turned on, then press the **Paper Source** button until the **Roll Auto Cut** or **Roll Cutter Off** light comes on.

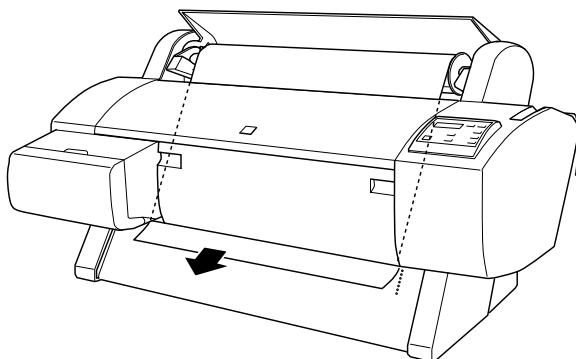
4. Move the paper lever to the released position.



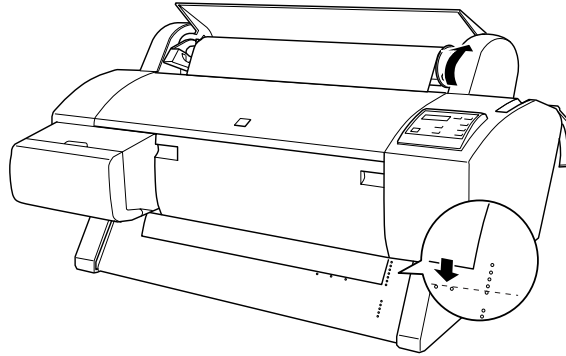
5. Feed the paper into the slot.



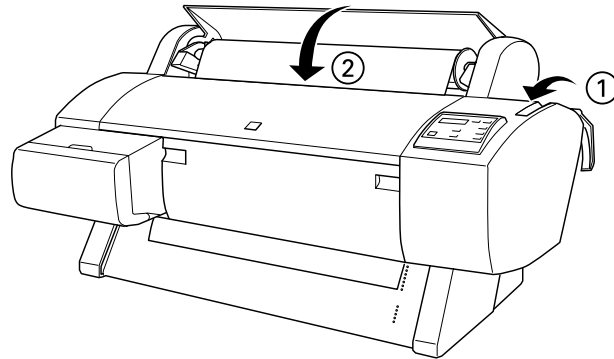
6. Pull the paper down so it extends all the way through the slot.



7. Turn the roll back to remove any slack. Then align the bottom edge of the paper with horizontal the row of holes, as shown. Do not extend the paper past the row of holes.



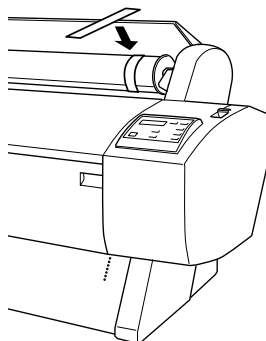
8. Return the paper lever to the locked position, then close the roll paper cover.



9. Press the **Pause** button (or wait for 5 seconds). The paper feeds into the printing position automatically and **READY** appears on the control panel.

Using the Roll Paper Belt

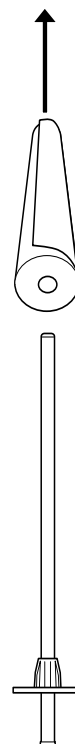
To keep the paper wound when you're not printing, use the roll paper belt included with your printer.



Removing Paper from the Spindle

If you need to remove the paper roll from the spindle, follow these steps:

1. Open the roll paper cover.
2. If the roll paper is loaded for printing, push the paper lever back to the released position, then roll up the paper before removing it. To keep the paper from unwinding, place the belt (described in the previous section) around the roll paper.
3. Remove the roll paper and spindle from the printer.
4. Set the spindle upright, with the white end on the floor and the black end at the top.
5. Slide the black paper stop off the top of the spindle.
6. Remove the roll paper from the spindle, and return it to its original packaging.



Switching Between 2-Inch and 3-Inch Roll Paper

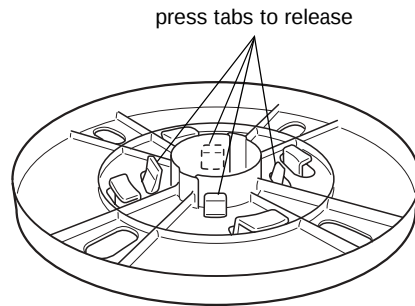
You can convert the spindle to accept roll paper with either a 2-inch or 3-inch core. When the gray adapters are attached at each end, you can use 3-inch rolls. Follow these steps to remove the gray adapters for using 2-inch roll paper:

1. Remove the black paper stop from the end of the spindle.
2. Press toward the center on the four tabs shown below to release the gray adapter from the paper stop.



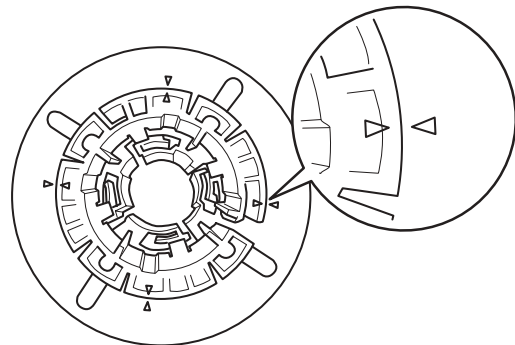
Note

Your adapter may have only two tabs.



3. Remove the gray adapter from the white paper stop at the other end of the spindle.

If you need to reattach the gray adapters to use 3-inch roll paper, align the arrow marks shown below and press the adapters on until they lock in place.





An optional media cutter is available for cutting thick media. See page 10 for details on ordering it.

Cutting Paper Manually with the Built-in Cutter

When you're not using the Auto Cut setting, you need to cut the paper manually after your print job is finished. If you're printing on canvas, vinyl, or other heavy media, you should use scissors or the optional media cutter rather than the built-in cutter. Heavy media can damage the built-in cutter.

Do not use the built-in cutter to cut any of the following materials:

- Smooth Fine Art paper
- Textured Fine Art paper
- Canvas
- Enhanced Matte Posterboard
- Somerset Velvet Fine Art paper
- Backlight Film
- Heavyweight Polyester Banner
- Adhesive Vinyl
- any similar third-party papers or papers thicker than 10 mil

Follow these steps to cut manually with the built-in cutter:

1. If the paper is not positioned correctly, press one of the **Paper Feed** buttons to adjust the paper position. Normally, you don't need to do this after a print job is finished.
2. Press the **Paper Source** button until the **Roll Auto Cut** light comes on.
3. Press the **Cut/Eject** button. The paper is cut.

Printing Trim Lines



You can also specify trim lines from your printer driver software. See page 91 (Macintosh) or page 115 (Windows) for more information.

You can print trim lines on the right edge of your pages (if you're using Auto Cut) or on the right and bottom edge (if you're not using Auto Cut).

1. Press the **SelecType** button. **PRINTER SETUP** appears on the display.
2. Press the **►** button until **PLATEN GAP** appears.
3. Press the **▼** button until **PAGE LINE** appears.
4. Press the **►** button. ***OFF** is displayed as the current setting.

5. Press the ▼ button until ON appears.
6. Press the Enter button to save this as the new setting. (An asterisk appears next to *ON.)
7. Press the Pause button to exit the menu.

Using Cut Sheet Paper



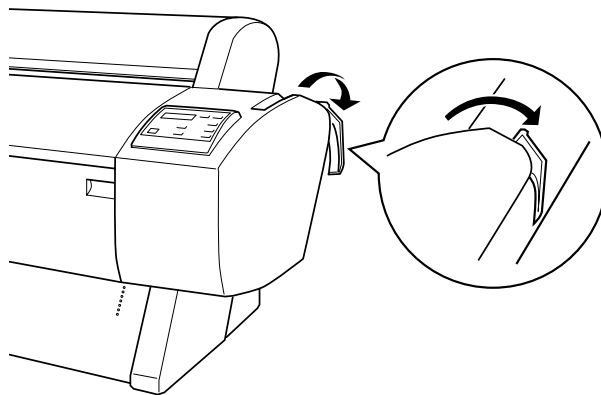
The maximum length of roll paper you can print on is not limited by the printer, but may be limited by your application software or operating system.

You can print on many types of cut sheet paper and other media. The Stylus Pro 9600 accepts sheets ranging from letter-size (8.5 × 11 inches) to 44 inches wide. The Stylus Pro 7600 accepts sheets up to 24 inches wide. You can leave your roll paper in the printer when you print on cut sheets; make sure it is rolled up and fastened with the roll paper belt, as described on page 74.

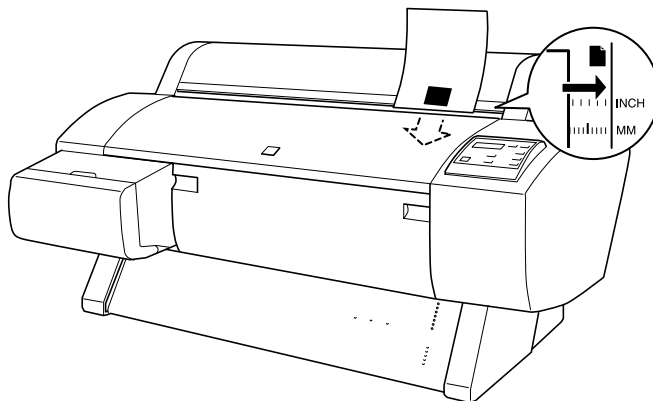
If you're using stock greater than 19 mil (0.5 mm) thick, load it as described on page 79.

Follow these steps to load cut sheets:

1. Make sure the printer is on and the roll paper cover is closed.
2. Press the Paper Source button until the Sheet light comes on.
3. Push the paper lever back to the released position.



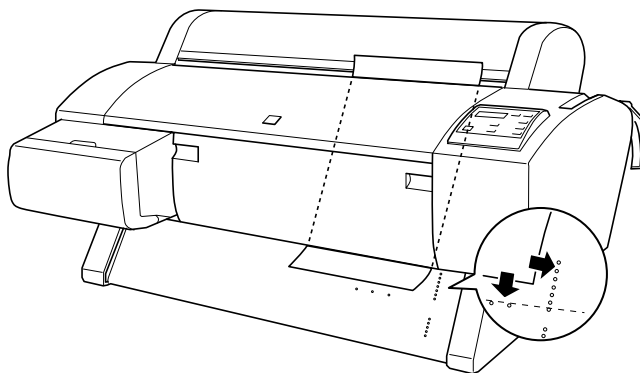
4. Feed the sheet into the paper slot. Make sure the right edge of the paper is straight and aligned with the scale on the roll paper cover.

**Note**

For heavy paper, you may need to increase the suction strength 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.

For a larger sheet of paper, feed it so that it comes out below. Then align the edges of the sheet with the rows of holes as shown.

**Caution**

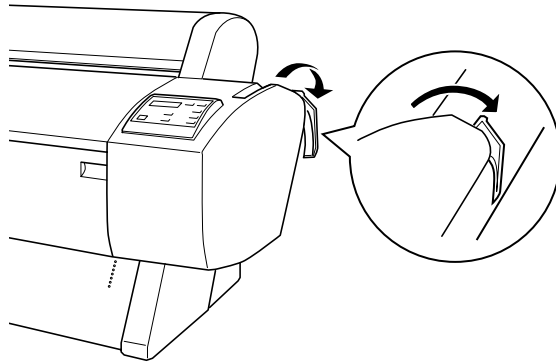
To avoid damaging the printer, never move the paper lever during printing, or while the Operate or Pause light is flashing .

5. Pull the paper lever forward, to the secured position.
6. Press the **Pause** button (or simply wait for 5 seconds). The sheet feeds into printing position automatically and **READY** appears on the control panel.
7. Print your page. After it is finished, the sheet stays in the printer.
8. To remove your print, press the **Paper Feed ▼** button.

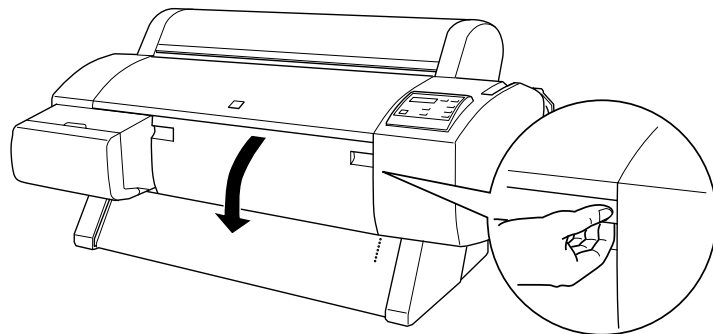
Printing on Posterboard

You can print on heavy stock up to 30 × 40 inches, such as EPSON Enhanced Matte Posterboard. Follow these instructions when you print on posterboard or other media more than 19 mil (0.5 mm) thick.

1. Set the paper basket to catch your printouts in front of the printer. See page 82 for instructions.
2. Make sure no other paper is loaded for printing. You can leave roll paper in the printer, but wind it up fully and secure it with the roll paper belt (page 74).
3. Press the Paper Source button until the Sheet light comes on.
4. Push the paper lever back to the released position.



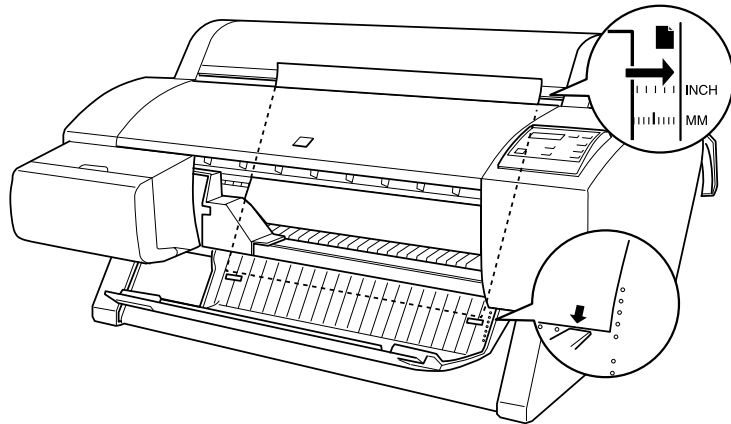
5. Open the front cover. (The cover has special tabs that act as paper supports when the cover is open.)



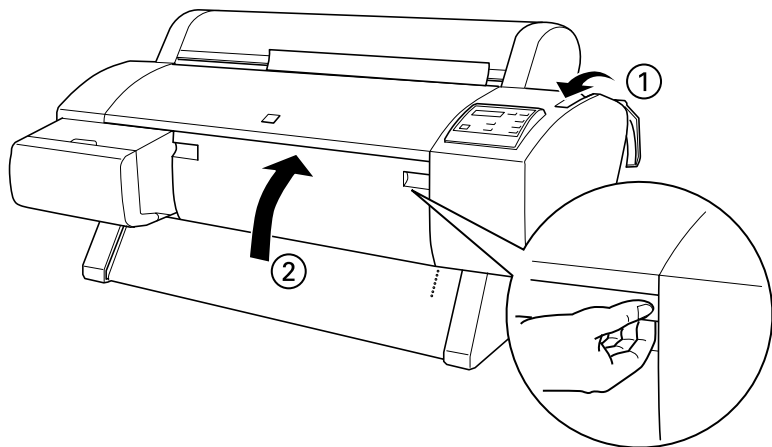
Note

If you're using stock more than 39 inches long, load it long-edge first (in landscape orientation).

6. Feed the posterboard into the paper slot until it meets resistance.
7. Align the board with the scale on the roll paper cover.



8. Pull the paper lever forward, to the secured position. Then close the front cover.



9. Press the **Pause** button (or wait for 5 seconds). The board feeds into printing position automatically and **READY** appears on the control panel.



To avoid damaging the printer, never move the paper lever while the Operate or Pause light is flashing.

10. Print your page. After it is finished, the posterboard stays in the printer.
11. To remove the print, hold it while pushing the paper lever back to the released position.

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. Normally, the **STANDARD** setting allows the printer to adjust automatically. However, if print quality is not satisfactory when using very thin or very thick stock, you may need to change this setting. Follow these steps:

1. Press the **SelectType** button until **PRINTER SETUP** appears on the display.
2. Press the **►** button twice. The display shows the current setting for the platen gap.
3. Use the **▲** and **▼** buttons to change the setting. (**STANDARD** is the default setting; you can also choose **NARROW**, **WIDE**, or **WIDER**.)
4. Press the **Enter** button to save the new setting.
5. Press the **Pause** button to exit the menu.

If you've selected a non-standard platen gap, the letter **N** or **W** appears in the corner of the display to remind you of the narrow or wide setting. When you switch media, don't forget to change the setting back to **STANDARD**.

If you're printing on non-EPSON media, you may also need to create a paper profile to optimize your results. See page 85.



When you print on posterboard, set the basket to catch printouts in front of the printer.

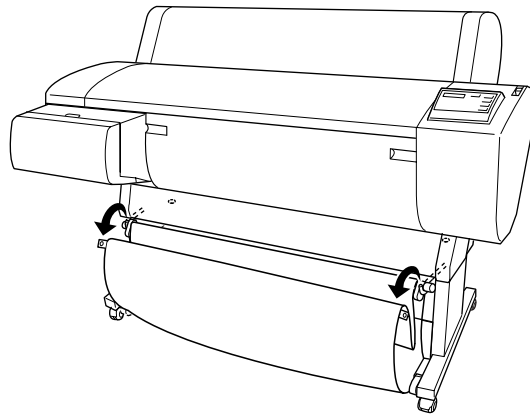
Using the Paper Basket

The paper basket attaches to your Stylus Pro 9600 and catches your printouts as they come out. (If you've bought the optional stand for the Stylus Pro 7600, it has a basket too.) 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.

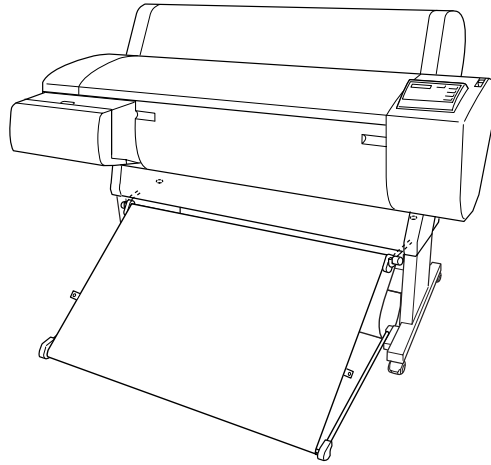
Catching Printouts in Front of the Printer

Follow these steps to set up the basket in front of the printer:

1. Unhook the basket rings from the metal rods, if they're hooked.



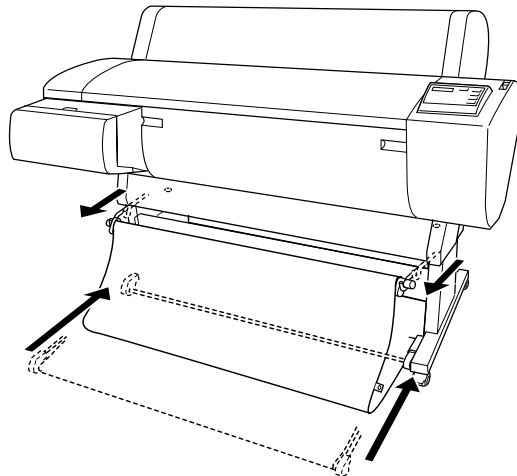
2. Slide the upper metal rods all the way in. Then fully extend the lower rods, so that they rest on the floor.



3. Make sure the surface of the basket is taut. If there is any slack, the paper may not slide properly to the floor.

Catching Printouts Under the Printer

To catch printouts under the printer, extend the upper metal rods all the way out. Then push the lower rods all the way in.



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 papers—especially if you use non-EPSON paper or a paper not supported by the driver. Use the paper configuration settings described below. If you’re printing on unusually thick or thin paper, you may also need to adjust the platen gap; if so, you should do that first (see page 81).



It’s a good idea to keep a list describing your paper profiles.

When adjusting the paper settings, you can have them affect all your print jobs; or you can create a special profile, or group of settings, for each paper type (up to ten types) and select the desired profile whenever you print on a particular stock.

Adjusting the Paper Settings

To change paper settings and have them affect all your print jobs, follow the steps below. If you want to create a profile for a specific paper type, see “Creating and Selecting Paper Profiles” on page 85.

1. Press the **SelectType** button, then press the ▼ button until **PAPER CONFIG** appears on the display.
2. Press the ► button.
3. Use the ▲ and ▼ buttons to select one of the following menu options, then press the ► button:

Menu option	Function
PAPER NUMBER	Lets you create a paper profile; see page 85.
CUT PRESSURE	Decreases the cutting blade pressure for thinner papers. Provides a cleaner cut.
CUT METHOD	Lets you choose between a 3-step and 4-step cutting method. For more exact cuts on thicker or thinner paper, choose 4-step.
PPR FEED ADJUSTMENT	Lets you eliminate light or dark horizontal banding in your printouts.

- 6. Examine the printed pattern for the most evenly overlapping lines. In the example shown above, the lines under number 4 are the most even.
- 7. Use the ▲ and ▼ buttons to display the selected line number, then press Enter to save your new setting.
- 8. The menu options shown below appear in sequence. Make any adjustments, as needed, and press Enter to save each setting.

The following settings are available:

Menu option	Function
CUT PRESSURE	Decreases the cutting blade pressure for thinner papers. Provides a cleaner cut.
CUT METHOD	Lets you choose between a 3-step and 4-step cutting method. For more exact cuts on thicker or thinner paper, choose 4-step.
PPR FEED ADJUSTMENT	Lets you eliminate light or dark horizontal banding in your printouts. When set to 0, the EPSON driver adjusts the paper feed automatically.
DRYING TIME	Use when printing with non-EPSON media. You can make the print head wait up to 5 seconds after each pass to allow ink to dry on the page.
SUCTION	Lets you decrease the paper suction level when printing on thinner papers (less than 12 lb), such as CAD drafting paper or backlight film.
PRINT ADJ	Adjusts the intensity of the MicroWeave pattern. Improves print quality but lowers printing speed.

- 9. When done, press the Pause button.

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

- 1. Press the SelecType button, then press the ▼ button until PAPER CONFIG appears on the display.
- 2. Press the ► button until PAPER NUMBER appears.
- 3. Press the ► button.

4. Use the ▲ and ▼ buttons to select the paper profile you want to use (1 to 10).

Or, if you want to return to using standard EPSON paper, select STD.

5. Press Enter.
6. Press the Pause button to exit the menu.

When you're done printing with a custom profile, be sure to change the setting back to STD.

Chapter 3: Printing with EPSON Drivers for Macintosh

Your EPSON Stylus Pro 7600 or 9600 comes with drivers and utilities that let you print and manage print jobs in non-PostScript® mode without a RIP. ICC profiles for ColorSync® 3.x are included, so you can use advanced color management features from your applications or the driver itself.

The driver CD-ROM also includes an electronic *Reference Guide* to your printer and EPSON printer software. You can read the guide using a web browser, such as Netscape Navigator or Microsoft Internet Explorer, versions 3.0 or later.

This chapter includes the following information:

- Choosing page setup options
- Choosing basic print options
- Choosing advanced print options
- Managing print jobs
- Checking printer status

Note

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

If you need more information about print options, click the ? button on any dialog box.

Creating a custom paper size lets you make the best use of roll paper. You can also use the Customize dialog box to change the margins on your paper.

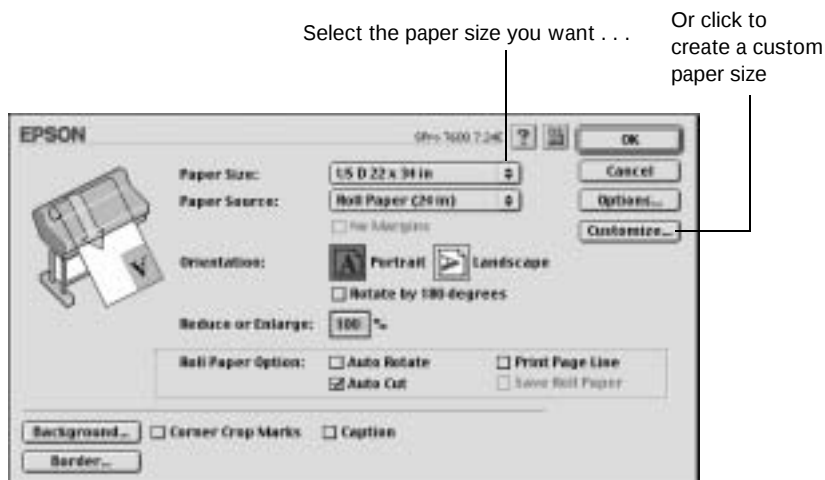
Note

Don't select Landscape unless you want to rotate your image 90°.

Choosing Page Setup Options

Many of the page setup options correspond to paper handling features that you can also set through the control panel. Software options give you additional settings and override control panel settings. Follow these steps to choose page setup options:

1. Start an application, open a file, and choose **Page Setup** from your application's File menu. You see the page setup dialog box:



2. Select the type of paper you loaded (Roll Paper or Sheet) from the Paper Source list.

Or select Roll Paper (Banner) if you want to print more than one image edge-to-edge (for example, when tiling long images together). This lets you print a series of continuous images without any margin space between them.



The Macintosh operating system limits the custom page length to 90.6 inches.



For best print quality along the upper edge of your printout, EPSON recommends using one of the following papers:

- Premium Glossy Photo Paper (250)
- Premium Semimatte Photo Paper (250)
- Premium Luster Photo Paper

Note that you can't print without borders when using Photographic Dye ink at 2880 dpi.

3. Select the **Paper Size** you want, based on the size of your image. If your size is not listed, click **Customize**. Then enter the size in inches or centimeters. If you're printing your image with borders, make your custom page size slightly larger than the image size; if you're printing without borders, it should be slightly smaller (about 1/4 inch all around).
4. If you're using roll paper, you can set the following options:
 - **Auto Rotate**
Saves paper if your document length is shorter than the printable width of the paper roll. Your image is rotated automatically by 90 degrees and printed crosswise.
 - **Auto Cut**
Choose this option if you want the paper to be cut automatically after each page is printed (not available for thicker media types).
 - **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 **Roll Paper (Banner)** as the Paper Source.
5. Make the settings you want for **Orientation**, **Reduce or Enlarge**, **Rotate**, and **Printable Area** (if Paper Source is set to **Sheet**).
6. After making your settings, click **OK**.

Printing Without Borders

You can print BorderFree™ images on the following paper widths:

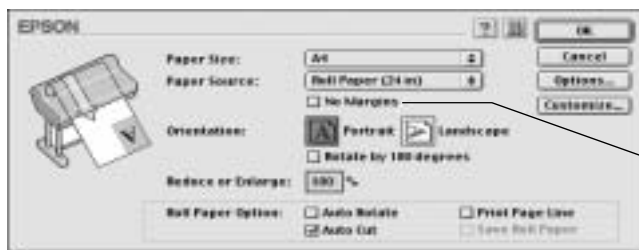
- | | |
|-------------|------------------------------------|
| • 8 inches | • 20 inches |
| • 10 inches | • 24 inches |
| • 12 inches | • 36 inches (Stylus Pro 9600 only) |
| • 14 inches | • 44 inches (Stylus Pro 9600 only) |
| • 16 inches | |



The No Margins setting is not available for some paper sizes.

To print without borders on one of the listed paper sizes, follow these steps:

1. Make sure your image size is at least 1/4 inch larger all around than the size of paper you're printing on. If your application has margin settings, be sure they're turned off.
2. Select **No Margins** in your printer software:



Select
No Margins

3. On the printer's control panel, press the **SelectType** button until the **Printer Setup** menu appears on the display.
4. Press the **SelectType ►** button again to open the menu options, then press the **▼** button until **No Margins** is displayed.
5. Press the **►** button, then press the **▼** button to select one of these paper cutting options:
 - **L/R ONLY** when printing without left and right margins only
 - **1CUT** or **2CUTS** when printing without any margins (1CUT causes the images to be printed end-to-end. If you prefer additional space between your images, select 2CUT. This extends the space between the images and the paper is cut twice inside this space.)
6. Press **Enter** to activate the setting, then press **Pause** to exit setup mode and return to normal printer operation.

Continue on to the next section to print your image.



For more information on using cutting options and printing without borders, visit www.epson.com. Under **Drivers & Support**, select **Manuals & Documents**. Select your printer, then select **Product Support Bulletin**.

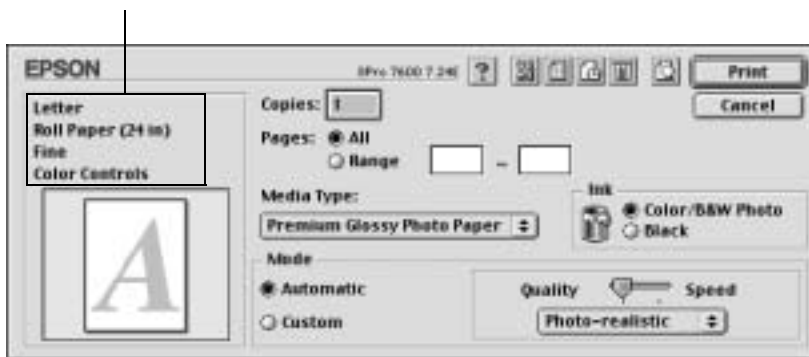
Choosing Basic Print Options

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 advanced settings for more control over your printer and color management options, as described on page 98.

Follow these steps to make basic settings:

1. Choose Print from the File menu of your application. A dialog box like the following appears:

This area shows the current settings, but you can't change them from here



2. Choose the number of Copies and indicate which Pages you want to print.
3. Select a Media Type setting appropriate for the media you're printing on, as listed in the table on page 96 (Photographic Dye ink users) or 97 (UltraChrome ink users).
4. For the ink type, select Color/B&W Photo if you're printing either a color or black-and-white photo image. Select Black only if you're printing line drawings or other non-photographic images.



For professional black-and-white photography, use the Color/B&W Photo setting (don't select Black). Use a ColorSync workflow for best results.

5. 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 in the **Mode** box, set it according to the quality required for your print job. (Depending on the **Media Type** setting, this slider may not appear.)
 - Click **Custom** and then choose one of the print job types from the custom settings list, as described in the next step, or click the **Advanced** button and see “Choosing Advanced Print Options” on page 98 for details.
6. Depending on your print mode (**Automatic** or **Custom**), you can select one of the following options from the pull-down menu:

Automatic print mode

Setting	Usage
Photo-realistic	Produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness. Corrects for overall under- or over-exposure of the original image.
Vivid	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.

Custom print mode

Setting	Usage
Advanced Photo 2880	For smoothest color tones and highest-quality results.
Advanced Photo	Prevents the misprinting of ink dots that may occur because of the movement of the print head and paper. Available only when you choose photo or photo-quality media types.
Text/Graph	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
ColorSync	Adjusts colors based on your printer's ICC profile, using the perceptual rendering intent.



You can also create your own settings and add them to this list. See page 100 for more information.

7. Choose from the following buttons to access additional features:
 - Click  to access the printer monitoring and maintenance utilities. See page 106 for more information about the Status Monitor utility. To use the nozzle check and print head cleaning utilities, see page 132; to align the print head, see page 135.
 - Click  if you want to reduce your image to fit on the page, or for other layout options.
 - Click  to turn on background printing. This lets you work on your Macintosh while you're printing and use the Monitor3 utility. See page 103 for more information.
 - Click  and then click the **Preview** button to preview your print.
 - Click  to check your ink levels.
8. When you're finished choosing print options, click **Print**.

Selecting the Correct Media Type Setting

The tables below list the settings designed to produce the best results on EPSON media when printing with either Photographic Dye ink or UltraChrome ink.

If your EPSON paper is not listed, check the instructions included with the paper, or look on the EPSON web site (<http://prographics.epson.com>). If you are using non-EPSON paper, choose the closest setting. You may have to experiment with different settings to determine which one is best for the media you're using.

Media Type settings for printing with Photographic Dye ink



Check the EPSON web site (<http://prographics.epson.com>) or your authorized EPSON dealer for other media that may be available.

Product name	Media Type setting
Premium Glossy Photo Paper (250)	PREMIUM GLOSSY PHOTO PAPER (250)
Premium Luster Photo Paper	PREMIUM LUSTER PHOTO PAPER
Premium Semigloss Photo Paper	PREMIUM SEMIGLOSS PHOTO PAPER
Premium Semimatte Photo Paper (250)	PREMIUM SEMIMATTE PHOTO PAPER (250)
Photo Glossy Paper	PHOTO GLOSSY PAPER
Photo Semigloss Paper	PHOTO SEMIGLOSS PAPER
Doubleweight Matte Paper	DOUBLEWEIGHT MATTE PAPER
Enhanced Matte Paper	ENHANCED MATTE PAPER
Enhanced Matte Posterboard	ENHANCED MATTE POSTER BOARD
EPSON Proofing Paper Commercial Semimatte	PHOTO SEMIGLOSS PAPER
Backlight Film	BACKLIGHT FILM


Note

Check the EPSON web site (<http://prographics.epson.com>) or your authorized EPSON dealer for other media that may be available.

This table lists the settings to use when printing with UltraChrome ink.

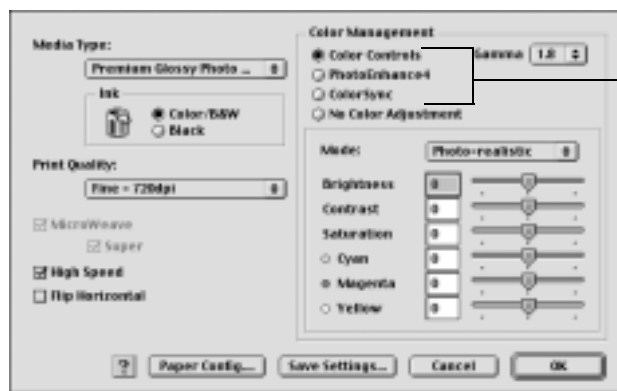
Media Type settings for printing with UltraChrome ink

Paper type	Media Type setting
Premium Glossy Photo Paper (250)	PREMIUM GLOSSY PHOTO PAPER (250)
Premium Luster Photo Paper	PREMIUM LUSTER PHOTO PAPER
Premium Semigloss Photo Paper	PREMIUM SEMIGLOSS PHOTO PAPER
Premium Semimatte Photo Paper (250)	PREMIUM SEMIMATTE PHOTO PAPER (250)
Photo Glossy Paper	PHOTO GLOSSY PAPER
Photo Semigloss Paper	PHOTO SEMIGLOSS PAPER
Doubleweight Matte Paper	DOUBLEWEIGHT MATTE PAPER
Enhanced Matte Paper	ENHANCED MATTE PAPER
Enhanced Matte Posterboard	ENHANCED MATTE POSTER BOARD
EPSON Proofing Paper Commercial Semimatte	PHOTO SEMIGLOSS PAPER
Glossy Paper - Photo Weight	GLOSSY PAPER - PHOTO WEIGHT
Watercolor Paper - Radiant White	WATERCOLOR PAPER - RADIANT WHITE
Somerset Velvet for EPSON Fine Art Paper	ENHANCED MATTE PAPER (roll) or ENHANCED MATTE POSTER BOARD (sheet)
Smooth Fine Art Paper	SMOOTH FINE ART PAPER
Textured Fine Art Paper	TEXTURED FINE ART PAPER
Synthetic Paper	ENHANCED SYNTHETIC PAPER
Adhesive Synthetic Paper	ENHANCED ADHESIVE SYNTHETIC PAPER
Adhesive Vinyl	ADHESIVE VINYL
Backlight Film	BACKLIGHT FILM
Tyvek Brillion	TYVEK BRILLION
Canvas	CANVAS

Choosing Advanced Print Options

The advanced print options give you complete control over your printing environment. Use these settings to experiment or to fine-tune a range of options to meet your individual needs. Follow these steps to print with advanced settings:

1. Follow steps 1 through 4 on page 93.
2. Click Custom and then click Advanced. You see a dialog box like the following:



3. If necessary, you can change your Media Type and Ink settings.
4. Choose one of the following Print Quality settings:
 - Economy
To save ink
 - Normal - 360dpi
For faster printing and everyday needs
 - Fine - 720dpi
For high quality photos and prints (deselect the High Speed checkbox to achieve photo lab quality)
 - SuperFine - 1440dpi
Better than photo lab quality
 - SuperPhoto - 2880dpi
For the highest quality photos and prints; provides an astonishing level of photographic quality

The available print quality settings are limited by the **Media Type** setting. Choose lower print quality for faster printing, or **SuperPhoto - 2880dpi** for best quality.

5. Choose any of the following:

- **MicroWeave and Super MicroWeave**
Eliminate unwanted banding effects. These settings are automatically selected for most media types. If you notice banding with the standard **MicroWeave** setting, select **Super MicroWeave**.
- **High Speed**
For fast, bidirectional printing at lower quality. If vertical lines in your printout are misaligned when you use the **High Speed** setting, you may need to turn it off or realign the print head.
- **Flip Horizontal**
For printing a mirror image of your file. Use with backlight film.

6. Choose one of the following Color Management settings:

- **Color Controls**
Lets you specify individual values for adjusting brightness, contrast, saturation, and CMY inks, or choose from the three Color Adjustment modes. You can also choose from three Gamma settings, which control image contrast by modifying the midtones and midlevel grays. For descriptions of the available settings, see the table on page 101.
- **PhotoEnhance4**
Allows you to correct noise and other problems common to digital camera images. Also lets you see a sample image that reflects the settings you choose. See page 101 for a description of the available settings.
- **ColorSync**
Lets you select from three Rendering Intent settings for mapping colors to your printer's **EPSON Standard** profile. (See page 101 for descriptions of the available settings.) Normally, you should use the color management features of your imaging software instead.
- **No Color Adjustment**
Disables color management in the printer driver. Choose this mode if you want to use your own color management system.



If you turn off color management, you can still control the ink density. See “Paper Configuration Options” on page 102.

7. Click **Save Settings** if you want to have your advanced settings available for reuse. Then type a name for the group of settings and click **Save**. The name is added to your list of custom settings.
8. When you're finished setting advanced printer options, click **OK**.

Color Management Settings

Notice: Output Viewing Conditions

Due to the nature of all pigment inks, lighting conditions can affect the appearance of printer output. For example, a print viewed under daylight may appear to have a slightly different color balance when viewed under tungsten lighting. Care should be taken that the prints are produced for the lighting conditions in which they will be displayed.

The EPSON printer driver was designed to represent color accurately when prints are illuminated with a D50 (daylight) light source. For optimum results, understand your output display conditions before printing.

The following tables list the color management settings available when you choose either Color Controls, PhotoEnhance4, or ColorSync.

PhotoEnhance4 is designed to enhance images captured using video cameras, digital cameras, or scanners. Depending on your system and the size of the image, printing with PhotoEnhance4 may take longer.

Color control modes and Gamma settings

Automatic	Analyzes the color information in your image and optimizes color correction accordingly.
Photo-realistic	Produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness. Corrects for overall under- or over-exposure of the original image.
Vivid	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
1.5 Gamma	Produces the same contrast values as earlier EPSON ink jet printers.
1.8 Gamma	Increases contrast.
2.2 Gamma	Matches image colors with sRGB devices.

PhotoEnhance4 settings

Tone	Lets you choose from Normal for standard tone correction, Hard for high contrast, Vivid for more intense colors (as defined above), Sepia, and Monochrome.
Effect	Lets you choose from four special effects (and set the intensity using the Low/High slider): Sharpness, Soft Focus, Canvas, and Parchment.
Digital Camera Correction	Corrects noise and other flaws common to digital camera images.

ColorSync Rendering Intent settings

Perceptual	For photographic images. Maintains the relationship between colors as it scales them to fit within your printer's color gamut.
Saturation	For charts and business graphics. Maintains the relative saturation of colors from one gamut to another.
Colorimetric	For projects with known colors, such as labels and packaging. Maintains colors that fall within the gamut of both your monitor and printer.



These settings are overridden by any paper configuration settings you may have made using the printer's control panel (page 84).

Paper Configuration Options

To access the paper configuration settings, click the **Paper Config** button in the Advanced dialog box. The following settings are available.

Paper Configuration settings

Color Density	Use this to control the ink saturation level (for example, when you turn off color management in your printer software).
Drying Time per Print Head Pass	Use when printing with non-EPSON media. 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	Lets you eliminate light or dark horizontal banding in your printouts.
Paper Thickness	Eliminates 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 or backlight film.
Cut Method	Decreases the cutting blade pressure for thinner papers, to provide a cleaner cut.

Managing Print Jobs

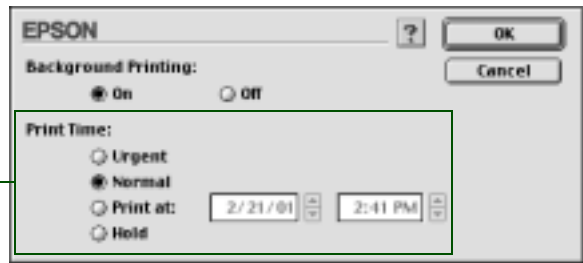
Your printer comes with several utilities that let you check on your print jobs and schedule, cancel, pause, or restart them. First you need to set up background printing, so you can continue to work on your Macintosh while a file is being printed. Note that background printing is slower and may also slow down your system.

Setting Up Background Printing

You can set up background printing from the Chooser, as described on page 51, or you can use the background printing button on the print dialog box. Follow these steps to set up background printing:

1. Start an application, open a file, and choose **Print** from the **File** menu.
2. Click the background printing button . You see the following dialog box:

Not available if
background printing
is turned off



3. To turn background printing on, click the **On** button.
4. To select a priority for your print job in the queue of jobs waiting to print, click one of the following:
 - **Urgent** to print before any Normal priority job
 - **Normal** to print in the order the job is received
 - **Print at:** to print at the specific time you enter in the day and time in the fields to the right
 - **Hold** to hold the print job in the print queue until you're ready to release it using Monitor3; see the following section for details.

5. Click OK to save your settings and return to the printer settings dialog box.
6. Click Print to print your document.

If you selected **Print at:** or **Hold**, your document is spooled, but held in the print queue until the print time specified or until released using Monitor3, as described in the following section.

Using Monitor3

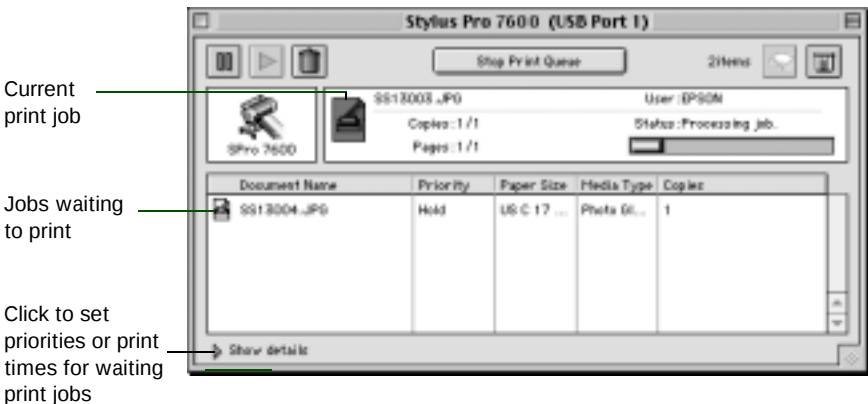
The Monitor3 utility lets you prioritize and control your print jobs as well as monitor their progress.



Note

You must turn on background printing to view the EPSON Monitor3 window. See page 103 for instructions.

After you send a print job, click the current application icon at the right end of the menu bar and select **EPSON Monitor3**. You see a window like the following:



The progress bar tracks the current print job. To cancel, pause, or restart a print job, click the document's name, then click one of the following buttons:

- Click to delete
- Click to restart
- Click to pause

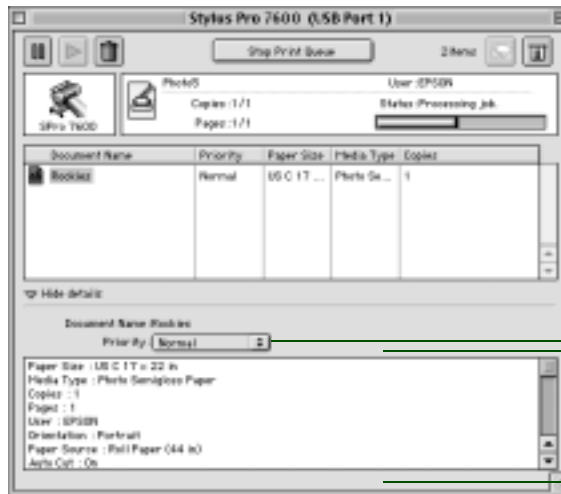
You can also do the following:

- Double-click a file in the list to preview it
- Double-click Copies to change the number of copies to be printed
- Click  to check your ink levels
- Click  to start the print head cleaning utility. See page 132 for more information about the cleaning utility.

If you want to view details of a print job, click the job, then click the Show details arrow. The Priority list becomes active.



If you see a stop sign icon and the message Print queue on hold in the EPSON Monitor3 dialog box, select Start print queue from the Printer menu to release the queue and resume printing.



Priority list box

Settings selected for the highlighted print job

Click the print job whose priority you want to change. Then click the Priority list box and select one of the following settings:

- Normal prints the job in the order it is received
- Urgent moves the job before Normal priority jobs in the print queue
- Hold holds the job in the print queue until you're ready to release it for printing by clicking  restart
- Print Time opens the Set Print Time dialog box. Enter the date and time you want to print the document, then click OK.



Cancelling Printing

If you need to cancel a print job, follow these steps:

1. Press the **Pause** button on the printer's control panel to stop printing.
2. Do one of the following, depending on whether you're using background printing:
 - If background printing is turned off, hold down the **⌘** key on your keyboard and press the **(.)** period key to cancel the print job.
 - If background printing is turned on, select **EPSON Monitor3** from the application menu and click **Stop Print Queue**. Or, click the print job  button, then click the delete button  to cancel the print job.
3. Press and hold the **Pause** button to reset the printer and clear any data remaining in the input buffer.

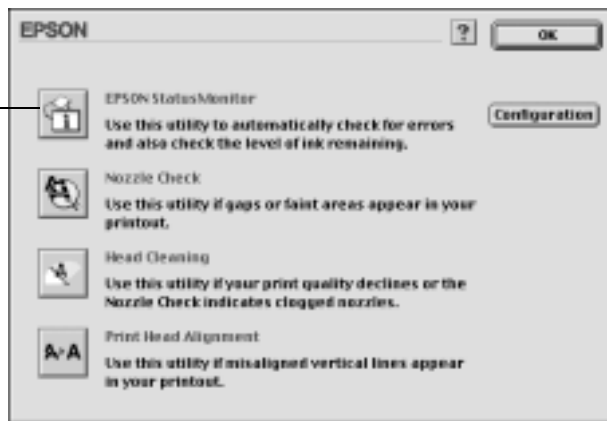
Checking Printer Status

The Status Monitor utility lets you check the levels of ink in your printer and configure error messages and other features of printer operation.

Follow these steps to check ink levels:

1. Click the utility button  on the print or page setup dialog box. You see the utility menu:

Click to open the
Status Monitor
utility



2. Click the **EPSON StatusMonitor** icon. The software checks the amount of ink remaining in the printer and displays the Status Monitor window:



Click to recheck
ink levels

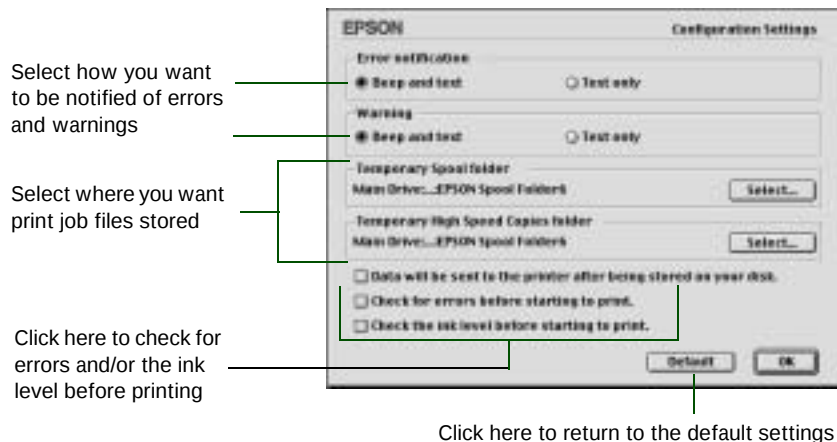
3. To recheck the ink level, click the **Update** button. To close the Status Monitor, click **OK**.

Selecting Configuration Options

You can configure the way you want the printer to handle error and warning messages, ink level checks, and print file storage in the Configuration Settings dialog box. Follow these steps:

1. Click the utility button  on the print or page setup dialog box. You see the utility menu.
2. Click the **Configuration** button.

You see the Configuration Settings dialog box:



3. Select from the following configuration options:



Note

Warning messages allow printing to continue. Error messages are more serious and cause printing to stop.

- **Error notification** lets you choose whether you want your system to beep and display error message text or just display text if your printer encounters an error.
- **Warning** lets you choose whether warning messages beep and display text or display text only.
- **Temporary Spool folder** and **Temporary High Speed Copies folder** let you select the folders on your hard disk that store the temporary files created when you send a job to the printer. Click the **Select** button to change the folder from the default folder shown.
- **Data will be sent to the printer after being stored on your disk** prevents print head pausing. Normally, graphics are sent in rectangular bands. When you select this option, your Macintosh stores the entire image on its hard drive and then sends it to the printer as a whole (recommended only for older Macintosh systems).
- The last two checkboxes let you choose to have your software check for errors or low ink levels before starting your print job.

4. When you're finishing changing your configuration options, click OK to return to the utility menu.

Chapter 4: Printing with EPSON Drivers for Windows

Your Stylus Pro 7600 or 9600 comes with drivers and utilities that let you print and manage print jobs without a RIP.

The driver CD-ROM also includes an electronic *Reference Guide*, which includes more detailed information about the printer and printer software. You can read the guide using a web browser, such as Netscape Navigator or Microsoft Internet Explorer, versions 3.0 or later.

This chapter includes the following information:

- Choosing basic print options
- Choosing paper and layout options
- Choosing advanced print options
- Managing print jobs
- Checking printer status
- Optimizing print speed

Choosing Basic Print Options

Before you print, you need to set basic printing properties. The EPSON driver offers automatic settings that optimize print quality and speed when you're using EPSON media. You can also choose advanced settings for more control over your printer and color management options, as described on page 117.

Follow these steps to make basic settings:

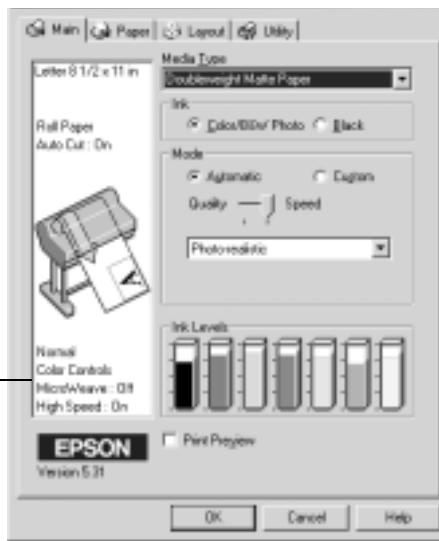
1. Start an application, open a file, and choose **Print** from the **File** menu. You see the **Print** dialog box.
2. Make sure your printer is selected, and then click the **Properties** button (or **Preferences** on Windows XP). If you see a **Setup**, **Printer**, or **Options** button, click it instead. Then click **Properties** or **Preferences** on the next dialog box.

A dialog box like the following appears:



If you need more information about print options, you can click the **Help** button on any dialog box.

This box shows you the current settings, but you can't change them from here.



For professional black-and-white photography, use the **Color/B&W Photo** setting (don't select **Black**).

3. Select a **Media Type** setting appropriate for the media you're printing on, as listed in the table on page 112 (Photographic Dye ink users) or 113 (UltraChrome ink users).
4. For the ink type, select **Color/B&W Photo** if you're printing either a color or black-and-white photo image. Select **Black** only if you're printing line drawings or other non-photographic images.
5. 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 in the **Mode** box, set it according to the priorities of your print job. (Depending on the **Media Type** setting, this slider may not appear.)
 - Click **Custom**, and then choose one of the print job types from the custom settings list (as described in the next step), or click the **Advanced** button and see "Choosing Advanced Print Options" on page 117 for instructions.

6. Depending on your print mode (Automatic or Custom), you can select one of the following options from the pull-down menu:

Automatic print mode

Setting	Usage
Photo-realistic	For printing photographic images. Produces sharper images and automatically corrects under- or over-exposure of the original image.
Vivid	For printing non-photographic images. Intensifies colors and lightens the midtones and highlights.

Custom print mode

Setting	Usage
Advanced Photo 2880	For smoothest color tones and highest-quality results.
Advanced Photo	Prevents the misprinting of ink dots that may occur because of the movement of the print head and paper. Available only when you choose photo or photo-quality media types.
Text/Graph	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
ICM	Adjusts colors based on your printer's ICC profile, using the Image Color Matching system (effective in Windows 98/Me/2000/XP only). If you're using an ICM-compatible monitor, adjusts printed colors to closely match screen colors.
sRGB	Adjusts colors using the small-gamut sRGB (standard red green blue) color space. Best for color matching with other sRGB devices, or for images designed for the Web.



Note

You can also create your own settings and add them to this list. See page 119 for more information.

7. When you're finished choosing print options, click the **Paper** tab and follow the instructions on page 114 for choosing paper and layout options.

Selecting the Correct Media Type Setting

The tables below list the settings designed to produce the best results on EPSON media when printing with either Photographic Dye ink or UltraChrome ink.

If your EPSON paper is not listed, check the instructions included with the paper, or look on the EPSON web site (<http://prographics.epson.com>). If you are using non-EPSON paper, choose the closest setting. You may have to experiment with different settings to determine which one is best for the media you're using.

Media Type settings for printing with Photographic Dye ink



Check the EPSON web site (<http://prographics.epson.com>) or your authorized EPSON dealer for other media that may be available.

Product name	Media Type setting
Premium Glossy Photo Paper (250)	PREMIUM GLOSSY PHOTO PAPER (250)
Premium Luster Photo Paper	PREMIUM LUSTER PHOTO PAPER
Premium Semigloss Photo Paper	PREMIUM SEMIGLOSS PHOTO PAPER
Premium Semimatte Photo Paper (250)	PREMIUM SEMIMATTE PHOTO PAPER (250)
Photo Glossy Paper	PHOTO GLOSSY PAPER
Photo Semigloss Paper	PHOTO SEMIGLOSS PAPER
Doubleweight Matte Paper	DOUBLEWEIGHT MATTE PAPER
Enhanced Matte Paper	ENHANCED MATTE PAPER
Enhanced Matte Posterboard	ENHANCED MATTE POSTER BOARD
EPSON Proofing Paper Commercial Semimatte	PHOTO SEMIGLOSS PAPER
Backlight Film	BACKLIGHT FILM



Check the EPSON web site (<http://prographics.epson.com>) or your authorized EPSON dealer for other media that may be available.

This table lists the settings to use when printing with UltraChrome ink.

Media Type settings for printing with UltraChrome ink

Paper type	Media Type setting
Premium Glossy Photo Paper (250)	PREMIUM GLOSSY PHOTO PAPER (250)
Premium Luster Photo Paper	PREMIUM LUSTER PHOTO PAPER
Premium Semigloss Photo Paper	PREMIUM SEMIGLOSS PHOTO PAPER
Premium Semimatte Photo Paper (250)	PREMIUM SEMIMATTE PHOTO PAPER (250)
Photo Glossy Paper	PHOTO GLOSSY PAPER
Photo Semigloss Paper	PHOTO SEMIGLOSS PAPER
Doubleweight Matte Paper	DOUBLEWEIGHT MATTE PAPER
Enhanced Matte Paper	ENHANCED MATTE PAPER
Enhanced Matte Posterboard	ENHANCED MATTE POSTER BOARD
EPSON Proofing Paper Commercial Semimatte	PHOTO SEMIGLOSS PAPER
Glossy Paper - Photo Weight	GLOSSY PAPER - PHOTO WEIGHT
Watercolor Paper - Radiant White	WATERCOLOR PAPER - RADIANT WHITE
Somerset Velvet for EPSON Fine Art Paper	ENHANCED MATTE PAPER (roll) or ENHANCED MATTE POSTER BOARD (sheet)
Smooth Fine Art Paper	SMOOTH FINE ART PAPER
Textured Fine Art Paper	TEXTURED FINE ART PAPER
Synthetic Paper	ENHANCED SYNTHETIC PAPER
Adhesive Synthetic Paper	ENHANCED ADHESIVE SYNTHETIC PAPER
Adhesive Vinyl	ADHESIVE VINYL
Backlight Film	BACKLIGHT FILM
Tyvek Brillion	TYVEK BRILLION
Canvas	CANVAS

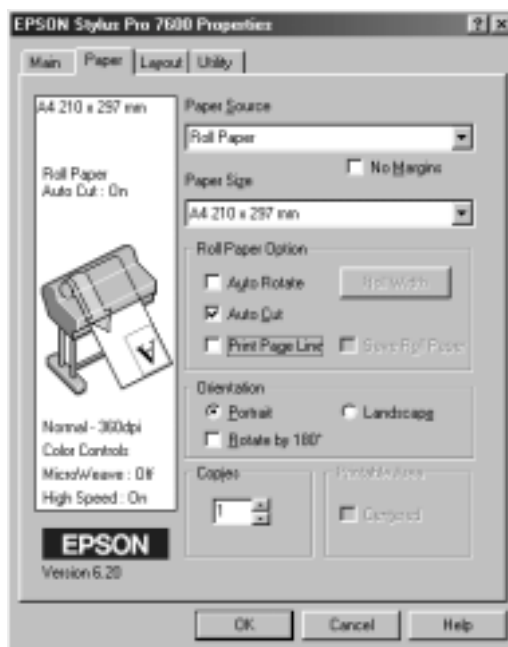


Many application settings override settings in the printer driver. Always verify settings to get the results you expect.

Choosing Paper and Layout Options

Many paper options correspond to paper handling features that you can also set through the control panel. Software options give you additional settings and override control panel settings. Follow these steps to choose paper and layout options:

1. On the Properties dialog box, click the Paper tab. You see this window:



2. Select the type of paper you loaded (Roll Paper or Sheet) from the Paper Source list. Or select Roll Paper (Banner) if you want to print more than one image edge-to-edge (for example, when tiling long images together). This lets you print a series of continuous images without any margin space between them.
3. Select the Paper Size you want, based on the size of your image. If your size is not listed, select User Defined. Then enter the size in hundredths of an inch (or centimeters). If you're printing your image with borders, make your custom page size slightly larger than the image size; if you're printing without borders, it should be slightly smaller (about 1/4 inch all around).



Creating a user-defined paper size generally lets you make the best use of your roll paper.

4. When you're using roll paper, set the following options:

- **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.
- **Auto Cut**
Choose this option if you want the paper to be cut automatically after each page is printed (not available for thicker media types).
- **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 if you've selected Roll Paper (Banner) as the Paper Source.



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

5. Make the settings you want for Orientation, Copies, and Printable Area (available when Paper Source is set to Sheet).

6. If you want to reduce or enlarge your image, click the Layout tab.

7. When you're finished, click OK, then click OK again to print.



For best print quality along the upper edge of your printout, EPSON recommends using one of the following papers:

- Premium Glossy Photo Paper (250)
- Premium Semimatte Photo Paper (250)
- Premium Luster Photo Paper

Note that you can't print without borders when using Photographic Dye ink at 2880 dpi.

Printing Without Borders

You can select BorderFree printing when printing on paper with the following widths:

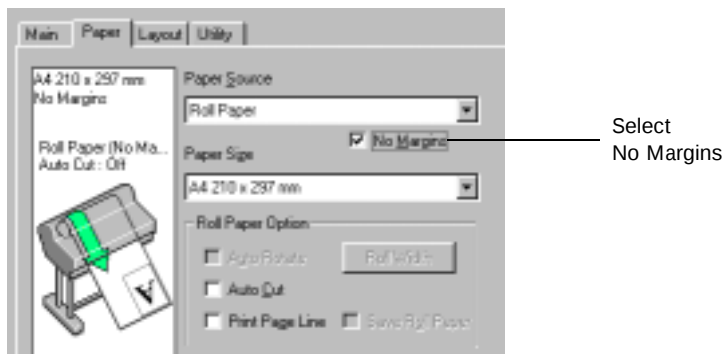
- | | |
|-------------|------------------------------------|
| • 8 inches | • 20 inches |
| • 10 inches | • 24 inches |
| • 12 inches | • 36 inches (Stylus Pro 9600 only) |
| • 14 inches | • 44 inches (Stylus Pro 9600 only) |
| • 16 inches | |



Not all paper sizes are available when No Margins is turned on.

To print without borders on one of the listed paper sizes, follow these steps:

1. Make sure your image size is at least 1/4 inch larger all around than the size of paper you're printing on. If your application has margin settings, be sure they're turned off.
2. Select **No Margins** in your printer software:



3. On the printer's control panel, press the **SelectType** button until **Printer Setup** appears on the display.
4. Press the **SelectType ►** button again to open the menu options, then press the **▼** button until **No Margins** is displayed.
5. Press the **►** button, then press the **▼** button to select one of these paper cutting options:
 - **L/R ONLY** when printing without left and right margins only
 - **1CUT** or **2CUTS** when printing without any margins (1CUT causes the images to be printed end-to-end. If you prefer additional space between your images, select 2CUT. This extends the space between the images and the paper is cut twice inside this space.)
6. Press **Enter** to activate the setting, then press **Pause** to exit the setup mode and return to normal printer operation.
7. Print your image.

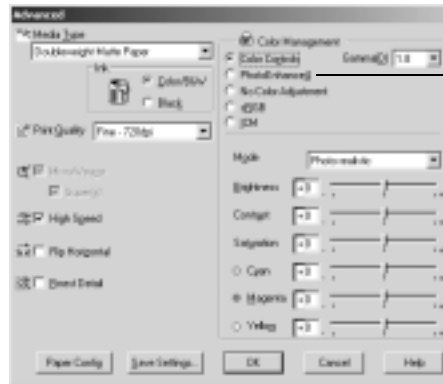


For more information on using cutting options and printing without borders, visit www.epson.com. Under **Drivers & Support**, select **Manuals & Documents**. Select your printer, then select **Product Support Bulletin**.

Choosing Advanced Print Options

For complete control over your printed results, use these Advanced settings to experiment or to fine-tune a range of options to meet your needs:

1. Follow steps 1 through 4 beginning on page 109.
2. Click **Custom** and then click **Advanced**. You see a dialog box like the following:



When you choose PhotoEnhance4, you see a different set of options on the lower part of the screen

3. If necessary, you can change your **Media Type** and **Ink** settings.
4. Choose one of the following **Print Quality** settings:



Note

Some of these options may not appear, depending on your Media Type setting.

- **Economy**
To save ink
- **Normal - 360dpi**
For faster printing and everyday needs
- **Fine - 720dpi**
For high quality photos and prints (deselect the **High Speed** checkbox to achieve photo lab quality)
- **SuperFine - 1440dpi**
Better than photo lab quality
- **SuperPhoto - 2880dpi**
For the highest quality photos and prints; provides an astonishing level of photographic quality

5. Choose any of the following:

- **Super MicroWeave or MicroWeave**
Eliminate unwanted banding effects. These settings are automatically selected for most media types. If you notice banding with the standard MicroWeave setting, select Super MicroWeave.
- **High Speed**
For fast, bidirectional printing at lower quality. If vertical lines in your printout are misaligned when you use the High Speed setting, you may need to turn it off or align the print head.
- **Flip Horizontal**
For printing a mirror image of your file. Use with backlight film.

6. Choose one of the following Color Management settings:

- **Color Controls**
Lets you specify individual values for adjusting brightness, contrast, saturation, and CMY inks, or choose from the two Color Control modes, described in the table on page 119. You can also choose from three Gamma settings, which control image contrast by modifying the midtones and midlevel grays.
- **PhotoEnhance4**
Allows you to correct noise and other problems common to digital camera images. Also lets you see a sample image that reflects the photographic tone and special effect settings you choose. See page 120 for a description of the available settings.
- **No Color Adjustment**
Disables color management in the printer driver. Choose this mode if you want to use a standalone color management module.
- **sRGB**
Adjusts colors using the small-gamut sRGB (standard red green blue) color space. Best for color matching with other sRGB devices, or for images designed for the Web.
- **ICM**
Adjusts colors based on the printer's ICC profile, using the Image Color Matching system (Windows 98/Me/2000/XP only). If you have an ICM-compatible monitor, adjusts printed colors to closely match screen colors.



If you turn off color management, you can still control the ink density. See “Paper Configuration Settings” on page 120.

7. Click **Save Settings** if you want to have your advanced settings available for reuse. Then type a name for the group of settings and click **Save**. The name is added to your list of custom settings.
8. When you're finished setting advanced printer options, click **OK**.

Notice: Output Viewing Conditions

Due to the nature of all pigment inks, lighting conditions can affect the appearance of printer output. For example, a print viewed under daylight may appear to have a slightly different color balance when viewed under tungsten lighting. Care should be taken that the prints are produced for the lighting conditions in which they will be displayed.

The EPSON printer driver was designed to represent color accurately when prints are illuminated with a D50 (daylight) light source. For optimum results, understand your output display conditions before printing.

Color Management Settings

The following tables list the color management settings available when you choose either **Color Controls** or **PhotoEnhance4**.

PhotoEnhance4 is designed to enhance images captured using video cameras, digital cameras, or scanners. Depending on your system and the size of the image, printing with PhotoEnhance4 may take longer.

Color control modes and Gamma settings

Automatic	Provides output that closely matches the original image data.
Photo-realistic	Produces sharper images and more vivid colors by automatically adjusting the contrast, saturation, and brightness. Corrects for overall under- or over-exposure of the original image.
Vivid	Intensifies colors and lightens the midtones and highlights. Best for print jobs with non-photographic images.
1.5 Gamma	Produces the same contrast values as earlier EPSON ink jet printers.
1.8 Gamma	Increases contrast.
2.2 Gamma	Matches image colors with sRGB devices.

PhotoEnhance4 settings

Tone	Lets you choose from Normal for standard tone correction, Hard for high contrast, Vivid for more intense colors (as defined above), Sepia, Monochrome, and None (no tone adjustment).
Effect	Lets you choose from four special effects (and set the intensity using the Low/High slider): Sharpness, Soft Focus, Canvas, and Parchment.
Digital Camera Correction	Corrects noise and other flaws common to digital camera images.

Paper Configuration Settings

To access the paper configuration settings, click the **Paper Config** button in the Advanced dialog box. The following settings are available.

Paper Configuration settings

Color Density	Controls the ink saturation level (for example, when you turn off color management in your printer software).
Drying Time per Print Head Pass	Use when printing with non-EPSON media. 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	Eliminates light or dark horizontal banding in your printouts.
Paper Thickness	Eliminates vertical banding and creates a sharper image when printing on unusually thick or thin paper.
Paper Suction	Decreases the paper suction level when printing on thinner papers (less than 12 lb), such as CAD drafting paper or backlight film.
Cut Method	Decreases the cutting blade pressure for thinner papers, to provide a cleaner cut.



These settings are overridden by any paper configuration settings you may have made using the printer's control panel (page 84).

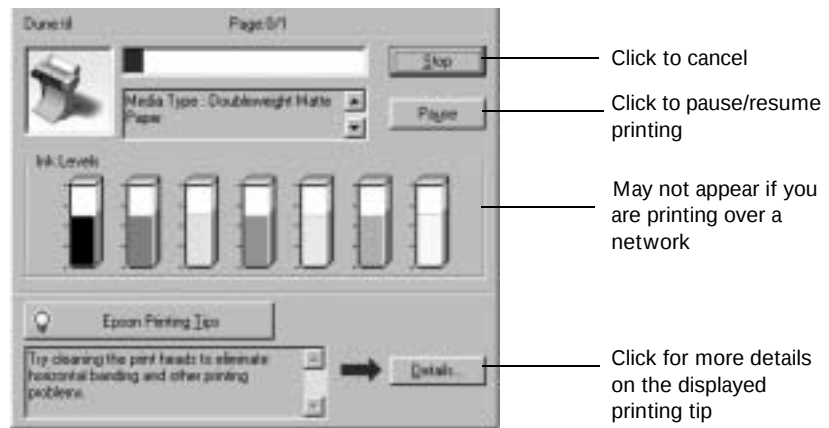
Managing Print Jobs

Your printer comes with several 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. The Spool Manager (not available with Windows NT) appears on the taskbar when you print.

Status Monitor 3, which also appears on the taskbar, also lets you check the printer's status and monitor print jobs. See page 122 for more information about Status Monitor 3.

Using the Progress Meter

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



You can use the buttons to cancel, pause, or restart your print job. You also see how much ink you have left and view printing tips.

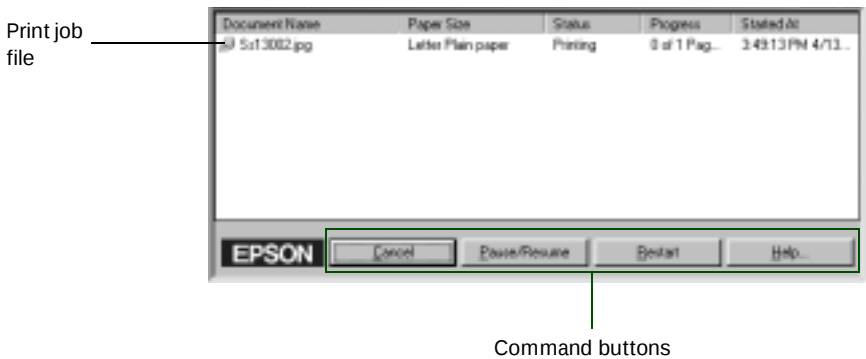
If you don't want the Progress Meter to appear, you can turn it off. See page 124 for instructions.

Using the Spool Manager

The Spool Manager (not available with Windows NT) displays the status of your print job files and lets you control them.

To open the Spool Manager while you're printing, click the EPSON Stylus Pro 7600/9600 icon that appears on the taskbar at the bottom of the screen.

You see the Spool Manager window:



To cancel, pause, resume, or restart a print job, click the job to highlight it; then click the corresponding command button on the bottom of the window.

Using Status Monitor 3

The Status Monitor 3 utility lets you check individual levels of ink in your printer and warns you when errors occur.

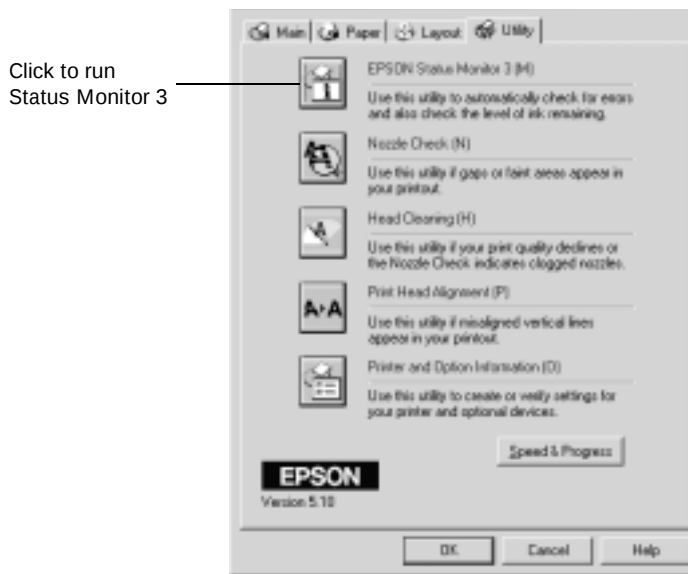
You can open Status Monitor 3 either from a running application or from the Windows Printers utility.

1. To open Status Monitor 3 from an application, access the Properties dialog box, as described on page 109.

Otherwise, do the following:

- **Windows XP:** Click Start and select Control Panel. Double-click Printers and Other Hardware, then double-click Printers and Faxes. Right-click your printer icon and select Printing Preferences.
- **All other versions of Windows:** Click Start, point to Settings, then select Printers. Right-click your printer icon and select Properties (Windows 95, 98, or Me), Document Defaults (Windows NT), or Printing Preferences (Windows 2000).

2. Click the Utility tab. You see the Utility menu:





If there's a printing problem, such as low ink or jammed paper, Status Monitor 3 displays a How To button that you can click for instructions on solving the problem.

3. Click the **EPSON Status Monitor 3** button. The following window appears. (It also opens automatically when an error occurs.)



Printer status messages appear here

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. Follow these steps:

1. Do one of the following:
 - **Windows XP:** Click **Start** and select **Control Panel**. Double-click **Printers and Other Hardware**, then double-click **Printers and Faxes**. Right-click your printer icon and select **Printing Preferences**.
 - **All other versions of Windows:** Click **Start**, point to **Settings**, then select **Printers**. Right-click your printer icon and select **Properties** (Windows 95, 98, or Me), **Document Defaults** (Windows NT), or **Printing Preferences** (Windows 2000).

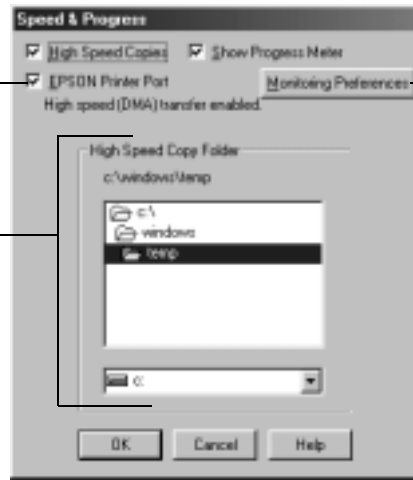

Note

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

- Click the **Utility** tab, then click the **Speed & Progress** button. You see the **Speed & Progress** dialog box. (See page 126 for more information about using the **Speed & Progress** utility.)

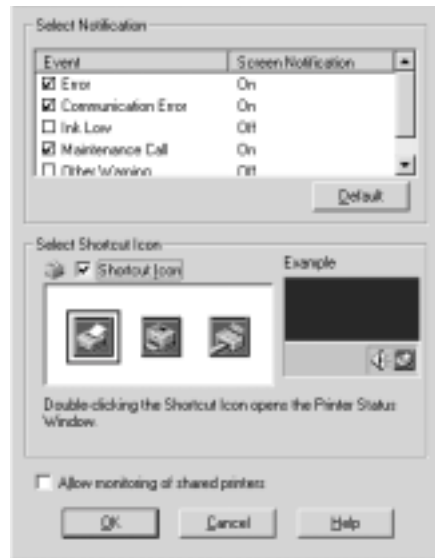
Appears only if you are connected to a parallel port

Appears only if you have more than one hard drive



Not available with Windows NT

- Click the **Monitoring Preferences** button. You see the **Monitoring Preferences** dialog box:



- Select the notification options you want to use.

5. If you want to have the Status Monitor 3 icon appear in your Windows taskbar, click the **Shortcut Icon** checkbox. Then select the icon you want to use.

After you enable the shortcut, you can simply double-click the icon to open the Status Monitor 3 window (shown on page 124) or right-click it, then select **Monitoring Preferences** in the pop-up menu.

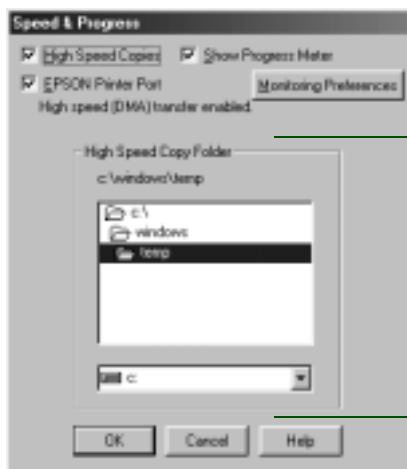
6. Select **Allow monitoring of shared printers** if your printer is shared and you want to let other users monitor it.
7. Click **OK**, as needed, to save your settings.

Optimizing Print Speed

Using the **Speed & Progress** utility, you can optimize your printer's parallel port for the fastest data transfer rate and speed up the way your printer driver processes multiple-copy print jobs.

1. Do one of the following:
 - **Windows XP:** Click **Start** and select **Control Panel**. Double-click **Printers and Other Hardware**, then double-click **Printers and Faxes**. Right-click your printer icon and select **Printing Preferences**.
 - **All other versions of Windows:** Click **Start**, point to **Settings**, then select **Printers**. Right-click your printer icon and select **Properties** (Windows 95, 98, or Me), **Document Defaults** (Windows NT), or **Printing Preferences** (Windows 2000).
2. Click the **Utility** tab, then click the **Speed & Progress** button.

You see a dialog box similar to the following:



If you have more than one hard disk drive, you can select a folder for storing multiple copy print jobs here.

3. 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 high speed copy folder for storing copies.
- **Show Progress Meter** lets you control whether or not the Progress Meter is displayed when you send a print job.
- **EPSON Printer Port** (Windows 95, 98, or Me parallel connection only) lets you optimize the transfer rate of your printer port for EPSON printers instead of using the Windows default printer port. You may see one of these messages beneath the EPSON Printer Port option:

High speed (DMA) transfer enabled tells you that you're already using fast DMA transfer mode.

For higher data transfer rates, use DMA transfer lets you know that you can speed up printing by enabling DMA transfers on your system. See your electronic *Reference Guide* for instructions on using DMA transfers, if your computer supports them. For more information, see your computer documentation or contact your computer manufacturer's technical support. If you see no message, you cannot enable DMA transfers.

- Always spool RAW datatype (Windows 2000, XP, and NT only) 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.
4. Click OK to close the Speed & Progress dialog box and return to the Utility menu. Then click OK again to exit the Printers utility.

Chapter 5: Maintaining and Transporting the Printer

The EPSON Stylus Pro 7600 and 9600 require very little maintenance to keep working at their best. This chapter describes the following routine procedures:

- Checking printer status and part life
- Running a cleaning cycle
- Aligning the print head
- Replacing ink cartridges
- Switching between black ink modes
- Replacing the paper cutter blade
- Replacing the maintenance tank
- Cleaning the printer
- Transporting or storing the printer
- Uninstalling and reinstalling printer software

In addition to the features described in this chapter, you can also use the printer's SelecType function to make printer settings similar to those you would normally make in the driver software (as well as other settings) directly through the control panel. For more information, see the online *Reference Guide* included on the CD-ROM that came with your printer.



You can also check the remaining ink on the control panel display (see page 141). To test the print quality, see page 132 for instructions on printing a nozzle check.



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.

Checking Printer Status and Part Life

Using the control panel, you can check the total number of prints, the amount of ink left, or the status of your cutter blade, maintenance tank, and other printer parts. You can either print out a status check, or you can view the printer's status on the control panel.

Printing Status Information

The status check sheet shows some of the current default settings, the amount of ink remaining in each cartridge, the page count, and the status of various printer parts.

Follow these steps to print the status check sheet:

1. Load a letter-size sheet of paper in the printer, following the instructions on page 77. (You can print the status check on larger sheets or roll paper, but you will use more paper.)
2. Press the **SelecType** button on the control panel. You see **PRINTER SETUP**.
3. Press ▼ until you see **TEST PRINT**, then press ►. You see **NOZZLE CHECK**.
4. Press ▼ until you see **STATUS CHECK**, then press ►. You see **PRINT**.
5. Press **Enter**. The status check sheet prints.
6. Press **Pause** to exit the Test Print menu.

The amount of ink or the component life remaining is indicated as follows:

E*****F = full (or full life remaining)
 E***** F = 3/4 full (or 3/4 life remaining)
 E*** F = 1/2 full (or 1/2 life remaining)
 E** F = 1/4 full (or 1/4 life remaining)
 E* F = nearly empty (or service life near end)
 E F = empty (or service life ended)

Viewing Status Information

To view printer status information instead of printing it, follow these steps:

1. Press the **SelectType** button on the control panel. You see **PRINTER SETUP**.
2. Press **▼** until you see **PRINTER STATUS**, then press **►**. You see **VERSION**.
3. Do one of the following:
 - To check the amount of ink left, press **▼** until you see **INK LEFT**, then press **►**. The status of the first cartridge is displayed, using the **E*****F** symbols described below. Continue pressing **▼** to see the status of the remaining cartridges.
 - To check how much of the maintenance tank has been used, press **▼** until you see **MAINT TANK**, then press **►**. The status of the tank is displayed, using the **E*****F** symbols described below.
 - To check the status of other printer parts, press **▼** until you see **SERVICE LIFE**, then press **►**. The status of the carriage motor is displayed, using the **E*****F** symbols described below. Continue pressing **▼** to see the status of the carriage motor, paper feed motor, cutter blade, print head, and cleaning unit.

The status of the printer parts is indicated with these symbols:

E***F** = full (or full life remaining)

E** F** = 3/4 full (or 3/4 life remaining)

E* F** = 1/2 full (or 1/2 life remaining)

E F** = 1/4 full (or 1/4 life remaining)

E* F = nearly empty (or service life near end)

% F = less than 10% of ink (or service life) remaining

4. Press **Pause** to exit the Printer Status menu.



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.



Each asterisk (*) represents about 20 percent.

Running a Cleaning Cycle

If your printed image is unexpectedly light or has banding (faint light or dark horizontal lines), you may need to run a cleaning cycle. This unclogs the print head nozzles so they can deliver ink properly.

The cleaning cycle uses ink, so you should run it only if print quality declines. To determine whether a cleaning cycle is necessary, print a nozzle check first. You should also print a nozzle check after cleaning the print head to see if the cleaning cycle was successful.

There are two ways to run a cleaning cycle:

- Using the printer's control panel buttons, as described below
- Using the Head Cleaning utility in your printer software, as described on page 54 (may not be available if you are accessing the printer over a network)

Printing a Nozzle Check Pattern

Follow these steps to print a nozzle check pattern:

1. Load a letter-size sheet of paper in the printer, following the instructions on page 77. (You can print the nozzle check on larger sheets or on roll paper, but you will use more paper.)
2. Press the **SelecType** button on the control panel. You see **PRINTER SETUP**.
3. Press ▼ until you see **TEST PRINT**, then press ►. You see **NOZZLE CHECK**.
4. Press ► until you see **PRINT**, then press **Enter**. The nozzle check sheet prints.



Use the eye loupe that came with the printer to examine the pattern. Even if all the dots printed, you may be able to see misaligned or “deflected” dots. Deflected dots, like missing ones, indicate that you should clean the print head.

5. Examine the nozzle check pattern. Each staggered horizontal and straight vertical line should be complete, with no gaps in the pattern:



If dots are missing from the pattern, as shown below, clean the print head as described in the next section.



Cleaning the Print Head from the Control Panel

Follow these steps to run the cleaning cycle from the printer’s control panel:

1. Print a nozzle check to make sure the print head needs cleaning, as described above.
2. Make sure all of the $\triangle$ Ink Out lights on the printer’s control panel are off.

If an $\triangle$ Ink Out light is flashing or on, you need to replace the corresponding ink cartridge instead. See page 141 for instructions.

3. Press the **Cleaning** button and hold it for at least 3 seconds. The **Pause** light flashes as the printer cleans its print head. The cleaning cycle takes about 60 seconds and does not use any paper.
4. When the **Pause** light goes off, print the nozzle check pattern again to confirm that the head is clean.

You may need to run the cleaning cycle several times to get a clean nozzle check pattern. For effective cleaning, always run a nozzle check between cycles.

Performing a Power Cleaning

If you're unable to clean the print head fully as described above, you can perform a power cleaning. You should not perform a power cleaning more often than necessary, since it consumes additional ink.

1. Press the **SelectType** button on the control panel. You see **PRINTER SETUP**.
2. Press **▲** until you see **MAINTENANCE**, then press **►**. You see **PWR CLEANING**.
3. Press **►** until **EXEC** appears on the display, then press **Enter**.

The printer performs the power cleaning. Do not turn off the printer or interrupt this process until it is complete.

If the lines on the pattern are still missing dots after running a power cleaning, turn the printer off and leave it overnight, then clean the print head again the following morning. If you still see no improvement, contact EPSON for assistance.

Aligning the Print Head

If banding appears on your prints, or vertical lines are not straight, you need to align the print head. Although you can align the print head using the printer software, it's best to do this from the control panel. This aligns the print head for all modes and resolutions.

If you haven't already done so, make sure you've run a nozzle check, as described on page 132, before you begin. This ensures that the nozzles are clean and the print head alignment patterns will print correctly.

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

1. Make sure the printer is turned on, then load roll paper that is at least 24 inches wide. For best results, use EPSON Doubleweight Matte paper (this is the type of paper that came with your printer).
2. Press the **SelecType** button on the control panel. You see **PRINTER SETUP**.
3. Press **▲** until you see **HEAD ALIGNMENT**, then press **►**. You see **PAPER THKNS**.
4. Press **►** until ***STD** appears on the display. This is the correct thickness setting for most EPSON papers.
5. Press **Enter**.
6. Press the **▲** or **▼** button to select the desired alignment mode (**UNI-D ALL**, **BI-D BLACK**, or **BI-D ALL**), then press **Enter** to start printing the alignment patterns. After they print, see the appropriate section on the following pages, depending on the selected mode.



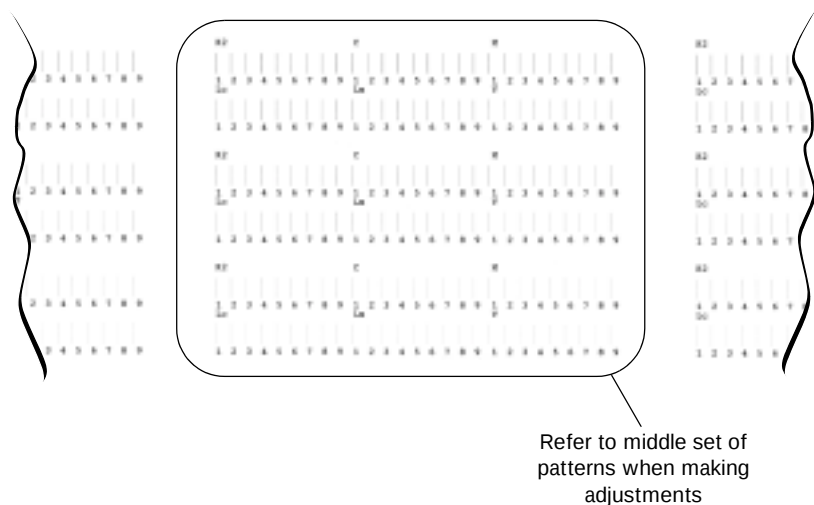
When performing the BI-D adjustments, always do them in this order: **UNI-D ALL**, then **BI-D BLACK**, then **BI-D ALL**. Do not repeat the **BI-D BLACK (K1)** adjustment afterward.

In general, you should perform all three types of alignments. If you plan to print only unidirectionally, you may only need to adjust **UNI-D ALL**. If you plan to print bidirectionally, perform the **UNI-D ALL** alignment first, then **BI-D BLACK**, then **BI-D ALL**.

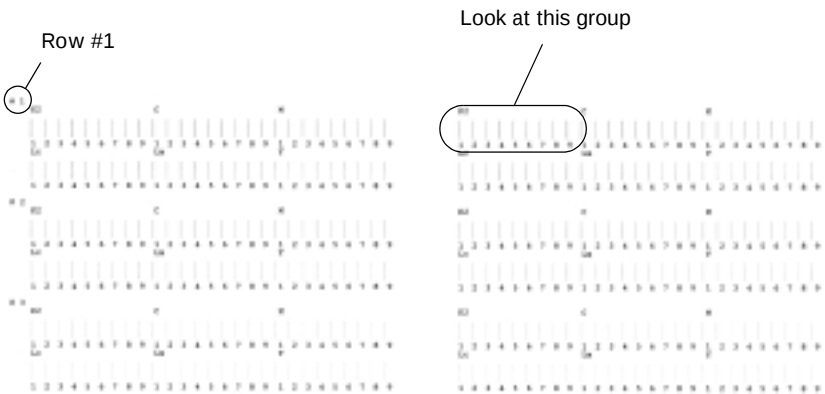
Examining the UNI-D ALL Alignment Pattern

Follow these steps when the UNI-D ALL patterns finish printing:

1. Depending on the width of the paper loaded in the printer, more than one set of patterns may be printed. Locate the patterns in the middle of your printout. In the steps that follow, refer to those patterns to make your adjustments, instead of the ones printed toward the left or right.



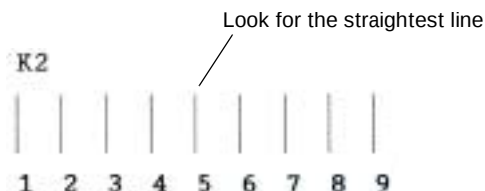
2. Look at the display screen on the printer. Notice that it is prompting you to choose the best line in the group labeled K2 in row #1.





You must use at least a 10× eye loupe to check the pattern.

3. Use your own eye loupe or the one that came with the printer to determine which line is the straightest. In this example, the middle line (numbered 5) is the best choice.



4. Use the ▲ or ▼ button to select the number of the straightest line. Note that 5 is always the default selection.
5. Press Enter to accept your selection and go to the next group of lines.
6. Repeat this process to examine each of the other color groups in row #1: C, M, Lc, Lm, and Y. In each case, select the number of the straightest line, then press Enter.
7. Repeat this process to examine the groups of lines in rows #2 and #3.
8. When done, press Pause to exit the head alignment.

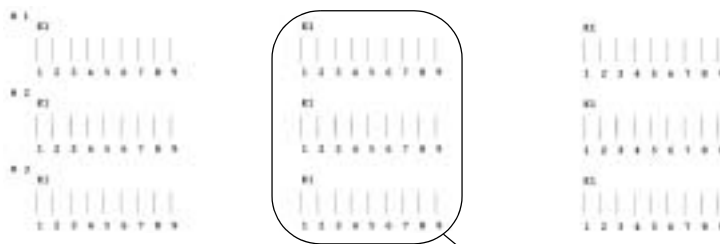


If number 5 is the straightest line in each group, the print head is already properly aligned. Press Pause to exit the head alignment early.

Examining the BI-D BLACK Alignment Pattern

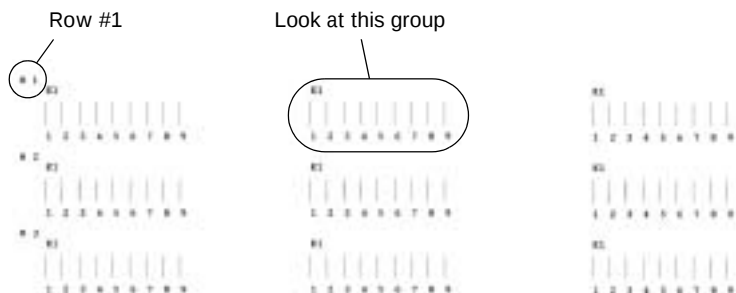
Follow these steps when the BI-D BLACK patterns finish printing:

1. Depending on the width of the paper loaded in the printer, more than one set of patterns may be printed. Locate the patterns in the middle of your printout. In the steps that follow, refer to those patterns to make your adjustments, instead of the ones printed toward the left or right.



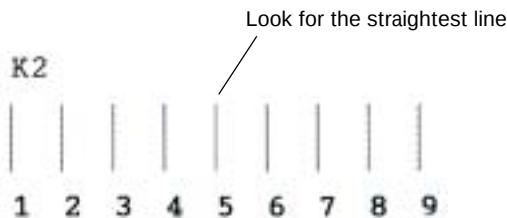
Refer to middle set of patterns when making adjustments

2. Look at the display screen on the printer. Notice that it is prompting you to choose the best line in the group labeled K1 in row #1.



You must use at least a 10× eye loupe to check the pattern.

3. Use your own eye loupe or the one that came with the printer to determine which line is the straightest. In this example, the middle line (numbered 5) is the best choice.



If number 5 is the straightest line in each group, the print head is already properly aligned. Press Pause to exit the head alignment early.

4. Use the ▲ or ▼ button to select the number of the straightest line. Note that 5 is always the default selection.
5. Press Enter to accept your selection and go to the next group of lines.
6. Repeat this process to examine the lines in rows #2 and #3. In each case, select the number of the straightest line, then press Enter.
7. When done, press Pause to exit the head alignment.

Note

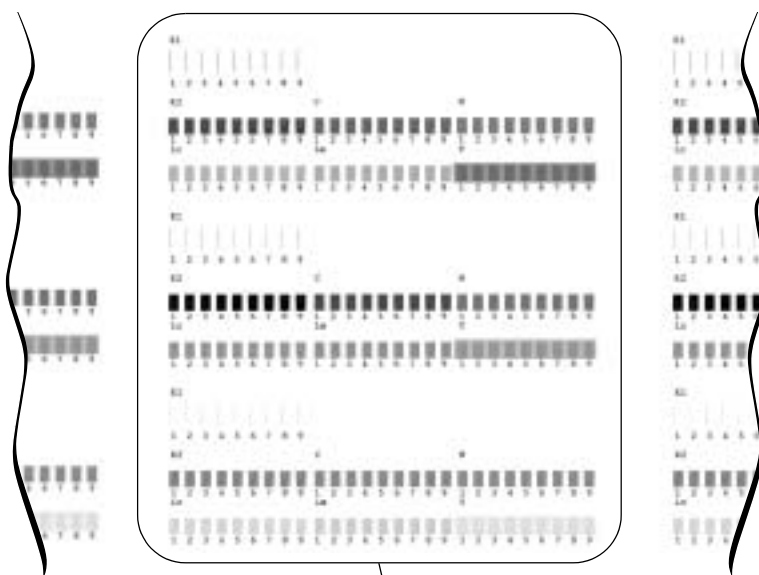
Be sure to perform the BI-D BLACK adjustment before running this one.

Examining the BI-D ALL Alignment Pattern

Follow the steps below when the BI-D ALL patterns finish printing.

IMPORTANT: Do *not* enter an adjustment value for K1 when prompted, or your color adjustments won't be accurate.

1. Depending on the width of the paper loaded in the printer, more than one set of patterns may be printed. Locate the patterns in the middle of your printout. In the steps that follow, refer to those patterns to make your adjustments, instead of the ones printed toward the left or right.

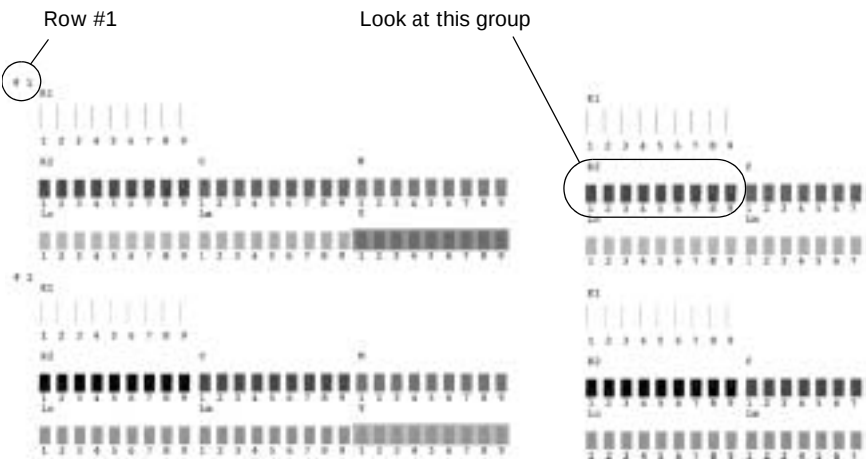


Refer to middle set of patterns
when making adjustments

2. Look at the display screen on the printer. It shows #1 K1.

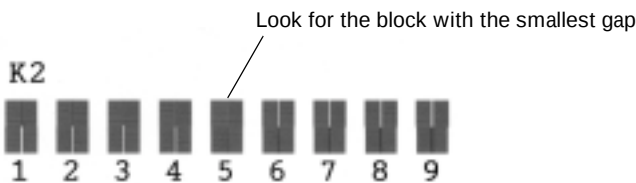
Do *not* change the adjustment value for K1. Press Enter and continue with the following steps.

3. The printer is now prompting you to choose the best block in the group labeled K2 in row #1.



You must use at least a 10× eye loupe to check the pattern.

4. Use your own eye loupe or the one that came with the printer to determine which block has the least visible vertical line. In this example, the middle block (numbered 5) is the best choice.



If number 5 is the best block in each group, the print head is already properly aligned. Press Pause to exit the head alignment early.

5. Use the ▲ or ▼ button to select the number of the best block. Note that 5 is always the default selection.
6. Press Enter to accept your selection and go to the next group of blocks.
7. Repeat this process to examine the remaining blocks in row #1: C, M, Lc, Lm, and Y. In each case, select the number of the best block, then press Enter.
8. Repeat this process to examine the groups of blocks in rows #2 and #3.
- IMPORTANT:** Do *not* enter an adjustment value for K1 when prompted, or your color adjustments won't be accurate.
9. When done, press Pause to exit the head alignment.



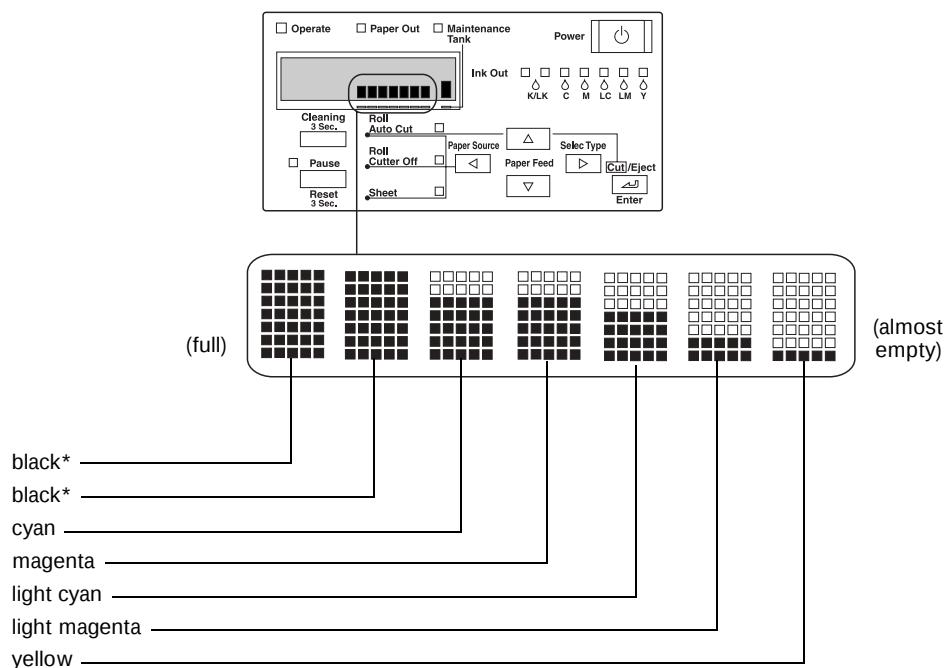
You can store partially used ink cartridges for up to 6 months.

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 runs out, replace the cartridge, and then continue the job without any loss of print quality.

Checking Ink Levels

The easiest way to check ink levels is from the control panel:



* If your printer uses UltraChrome ink, the black ink cartridges may be a combination of Photo Black, Matte Black, or Light Black. See page 146 for information on switching between black print modes.

When one of the Ink Out lights is flashing (and INK LOW is displayed on the control panel), the corresponding cartridge is almost out of ink. Make sure you have a replacement cartridge. When the light stays on and INK OUT is displayed, the cartridge is empty. You must replace the cartridge before you can continue printing.



You must use the EPSON ink cartridges designed for your printer. Other ink cartridges will not work and may cause damage not covered by your warranty. When you install the printer's first ink cartridges, the printer is initialized as either a Photographic Dye ink model or UltraChrome ink model. If you don't use the correct replacement cartridges for your model, you will see an error message.

Purchasing Ink Cartridges

If you have a Stylus Pro 9600 that uses UltraChrome ink, you can install any combination of 110 ml and 220 ml cartridges. Unless you are planning to switch between black ink modes (see page 146), be sure to replace the black ink cartridges with the same type of black cartridges as you are currently using.

Use the following EPSON ink cartridges:

Photographic Dye ink cartridges

Black*	T545100	Light cyan	T545600
Cyan	T545200	Light magenta	T545500
Magenta	T545300	Yellow	T545400

* Your printer requires two black ink cartridges.

Ultrachrome ink cartridges

Cartridge	110 ml	220 ml*
Photo Black**	T543100	T544100
Matte Black**	T543800	T544800
Light Black**	T543700	T544700
Cyan	T543200	T544200
Magenta	T543300	T544300
Light Magenta	T543600	T544600
Light Cyan	T543500	T544500
Yellow	T543400	T544400

* Stylus Pro 9600 only.

** Your printer uses two black ink cartridges. Unless you are switching between black ink modes, use the same type of cartridges as are currently installed. You can check their type by looking at the installed cartridges. Or look at the ink cartridge information in your printer software (see page 152 for Windows or page 95 for Macintosh). If you install an incorrect cartridge, you will see the message WRONG INK CARTRIDGE.

To order EPSON ink cartridges, contact your dealer or call EPSON at (800) 873-7766. Or visit the EPSON Store at www.epsonstore.com (U.S. only). In Canada, please call (800) 463-7766 for dealer referral.

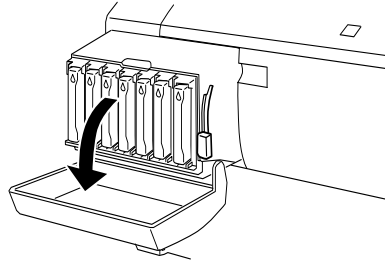


Leave the empty cartridge in the printer until you are ready to replace it.

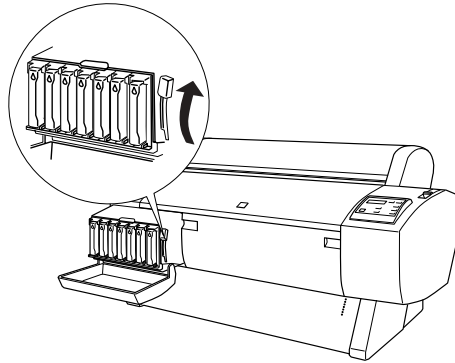
Installing an Ink Cartridge

Before you start, make sure the printer is on. Then follow these steps to replace an ink cartridge:

1. Note the color of the cartridge whose Ink Out light is on or flashing. This is the cartridge you need to replace.
2. Open the ink compartment cover.

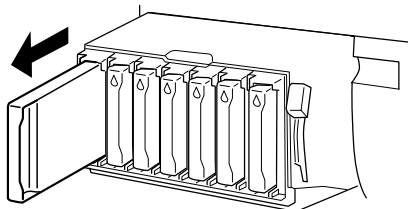


3. Raise the ink lever to the unlocked position.



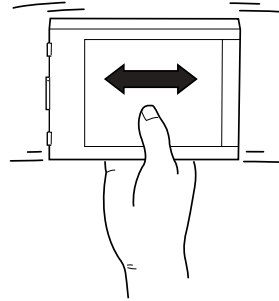
Do not shake the empty cartridge, or ink may leak out. If ink gets on your hands, wash them thoroughly with soap and water. If ink gets in your eyes, flush them immediately with water.

4. Remove the empty ink cartridge from the printer.



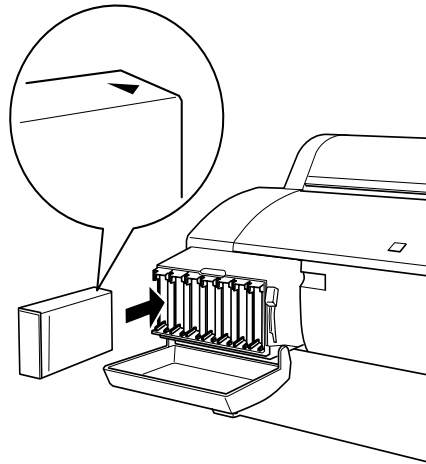
5. Make sure the replacement cartridge is the correct color, and remove it from its package.

If you're using UltraChrome Ink, gently shake the cartridge before installing it.

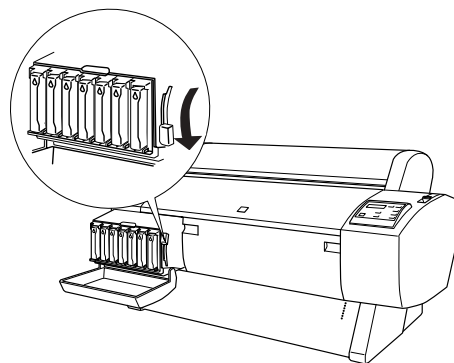


If you can't insert the cartridge smoothly, you may have the wrong cartridge. Check the package and product code. If the Ink Out light remains on after installing the cartridge, it may not be inserted fully.

6. Hold the cartridge with the arrow pointing toward the printer. Then insert the cartridge into the slot. Don't force it in.



7. Lower the ink lever to its locked position.



If you notice banding or other printing problems after replacing a cartridge, air may have entered the ink delivery system. Remove the cartridge then reinstall it to make sure it's seated properly. Then run several print head cleaning cycles (see page 132), followed by a nozzle check to verify the results.

8. If you're using 110 ml cartridges, close the ink compartment cover. If you're using 220 ml cartridges, you'll have to leave the cover open.

Once the cartridges are installed, the printer returns to its **READY** state (or says **LOAD PAPER** if paper isn't loaded).

If you see the message **WRONG INK CARTRIDGE**, you may have loaded an incorrect black ink cartridge for the black ink mode you're currently in, or loaded a cartridge containing the wrong type of ink for your printer (Photographic Dye or UltraChrome). Remove any cartridges indicated by a red Ink Out light on the control panel, and replace them with the correct cartridges.

Switching Between Black Ink Modes

If your printer uses EPSON UltraChrome ink, you can switch between black ink modes to optimize your black ink density for certain paper types (see the next page for the required cartridges):

Mode	Image and paper type
Photo Black Mode	For printing photographic images on all media types. Optimized for traditional photographic and ink jet-coated papers, such as EPSON Premium Luster Photo Paper, Photo Semigloss Paper, Premium Semimatte Photo Paper, etc.
Matte Black Mode	Optimized for printing photographic images on matte or plain papers, such as EPSON Enhanced Matte Paper, Smooth and Textured Fine Art Paper, and Somerset Velvet for EPSON, when the highest level of photographic quality is desired.
Dual Matte Black	For printing on matte or plain paper, such as newsprint and plain bond, when print speed is favored over photographic image quality.

Generally, you should switch black ink modes only if you plan to run a large number of print jobs in the new mode. Since it takes about 10 minutes to switch from one mode to another and consumes some ink, you shouldn't switch modes more often than necessary.

Follow the steps in the next sections to switch black ink modes.



You can purchase replacement items for your printer from EPSON at (800) 873-7766, or by visiting the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

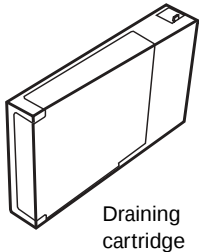
Preparing to Switch Black Ink Modes

Before switching black ink modes, make sure you have the required supplies. You'll need:

- the draining cartridge that came with your printer
- the new black ink cartridge(s) you plan to install

If your maintenance tank is almost full or one of your color ink cartridges is low on ink, you should have replacements available. See the following pages for details.

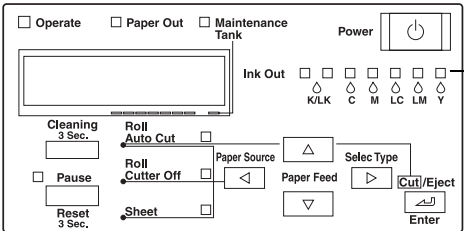
To switch black ink modes, you need the draining cartridge that came with your printer. This is an empty ink cartridge that looks similar to a regular 110 ml cartridge.



After deciding on the black ink mode you want to switch to, make sure you have the black ink cartridge(s) you'll be installing. In some cases, you'll be replacing only one of the cartridges.

Mode	Required cartridges
Photo Black Mode	Photo Black and Light Black
Matte Black Mode	Matte Black and Light Black
Dual Matte Black	Matte Black and Matte Black

Since this process consumes ink from the color cartridges as well as the black ones, you need to make sure there is enough ink in all the cartridges before you begin. Check the Ink Out lights on the control panel:

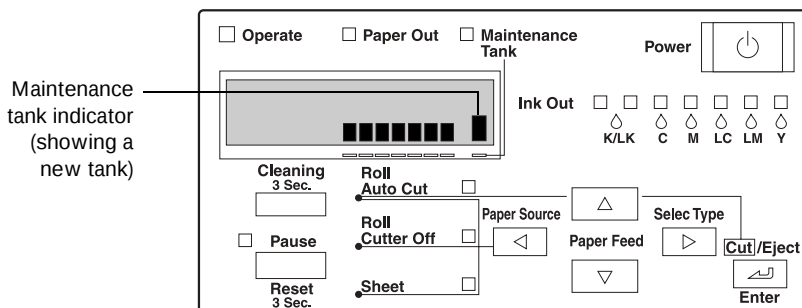


If an Ink Out light is on or flashing, you need to replace the cartridge before switching black ink modes

If there is not enough ink in one or more cartridges to carry out the procedure (5% or less), you'll need to replace the cartridges. If any cartridges are low on ink but not low enough to prevent the procedure from being carried out, you should still make sure you have replacements available, or you will be limited in how much you can print after switching black ink modes. See page 142 for ink cartridge part numbers.

If the printer's maintenance tank is almost used up, you'll need to replace it as well. The printer tells you during the process if it needs to be replaced, but you may wish to check it in advance; that way, you can make sure you have one available, in case it's needed.

Check the maintenance tank indicator on the control panel:



If the indicator is low, make sure you have a spare maintenance tank available (EPSON part number C12C890071).

Selecting the Black Ink Cartridges

Make sure you have all the needed supplies as described on page 146. Once you remove the ink cartridges from the printer, you must not turn off the printer until you have finished switching black ink modes. Follow these steps to start the process and tell the printer which cartridges you want to install:

1. Make sure the printer is on and **READY** is displayed on the control panel.
2. Press the **SelectType** button. You see **PRINTER SETUP**.
3. Press **▼** until you see **MAINTENANCE**, then press **►**. You see **PWR CLEANING**.
4. Press **▼** until you see **BK INK CHANGE**, then press **►**. You see **EXEC**.



The display indicates which cartridges will be installed in the first and second ink slots (Matte Black, Light Black, or Photo Black). You may not need to replace both cartridges, depending on the mode you want to switch to.



Do not turn off the printer once the cartridges are removed.

If a power failure occurs, turn the printer back on. You can resume the procedure at the point where it was interrupted.

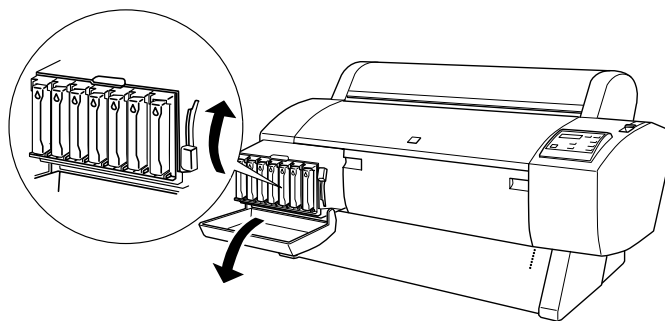
5. Press **Enter**. You see **SELECT INK SET**.
6. Press **▲** or **▼** to select the correct option for the ink mode you want to switch to:

Ink mode	Option displayed on printer
Matte Black Mode	#1 MAT: #2 LBK
Dual Matte Black Mode	#1 MAT: #2 MAT
Photo Black Mode	#1 PBK: #2 LBK

7. Press **ENTER**.

If you see the message **NOT ENOUGH INK**, lift the ink lever and remove any low or empty cartridges. (Check the **Ink Out** lights on the control panel to see which cartridges are low or empty.) Insert the replacement cartridge(s), then lower the ink lever.

8. The printer displays a message telling you to release the ink lever and remove the cartridges. Raise the lever and remove all the cartridges; do not re-insert them until instructed to do so.



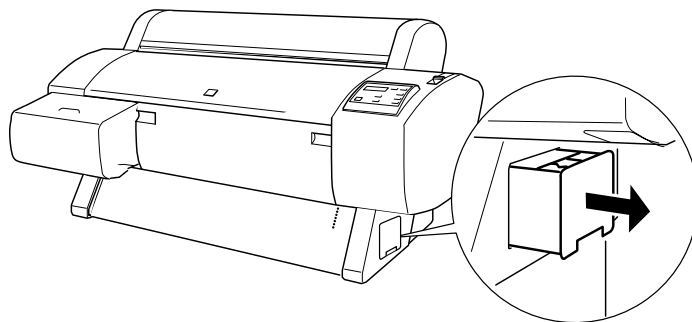
Be sure to set aside any black ink cartridges you won't be using, so that you don't accidentally re-insert them.



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

Checking the Maintenance Tank

Once you have removed all the ink cartridges, you may see a message telling you to replace the maintenance tank. If so, pull out the tank from the side of the printer and replace it with a new one. If you don't see this message, continue on to the next section.



Draining the Ink

Once you have removed all the ink cartridges, you see a message that the printer is ready for draining. Follow these steps:

1. Insert the draining cartridge into the slot indicated on the control panel (#1 or #2 slot). The position is also indicated by the flashing Ink Out light.
2. Lower the ink lever. The printer begins draining the ink delivery system.
3. Once the draining is complete, the printer stops making noise and you see a message telling you to remove the draining cartridge.

If you are replacing both black ink cartridges, you see a message prompting you to insert the draining cartridge in the second slot. Once you do this, the draining process repeats a second time. If you don't see this message, continue on to the next section.



If you change your mind about switching black ink modes, you can reinstall the original ink cartridges in the printer at this time.

Charging the Ink

Make sure you have the correct black ink cartridges available for the black ink mode you're switching to. Then follow these steps:

1. Insert all the ink cartridges into the printer. Be sure to install the correct black ink cartridges for the black ink mode you're switching to.
2. Lower the ink lever. The printer begins charging the ink delivery system.
3. Once the charging is complete, the printer stops making noise and displays **READY** on the control panel.

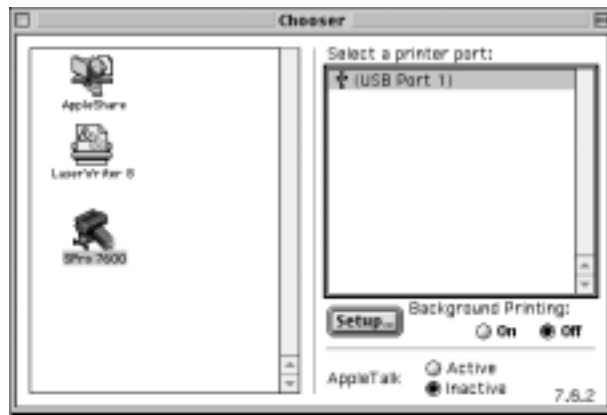
Continue on to the next section to update your printer driver software.

Updating the Driver

Once you have switched black ink modes, you need to update the driver (printer software) so that it knows which black ink mode you're using. Follow these steps:

Macintosh Users

1. Open the Chooser from the Apple menu.
2. Highlight the printer icon (SPro 7600), then highlight the printer port, as shown:



3. Close the Chooser. This completes the black ink replacement.

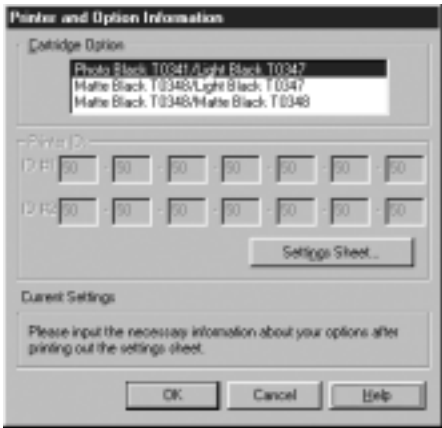
Windows Users

1. Click the **Main** tab in your printer software and make sure the correct ink cartridge information is displayed, as shown below.



Check black ink
cartridge information
here

2. If not, set the information manually. Click the **Utility** tab, then the **Printer and Option Information** button. Select one of the ink cartridge options shown below.



3. Click **OK** to exit the printer software. This completes the black ink replacement.

Note

You can purchase replacement items for your printer from EPSON at (800) 873-7766, or by visiting the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Caution

Do not try to slide the carriage by hand, or you may damage the printer.

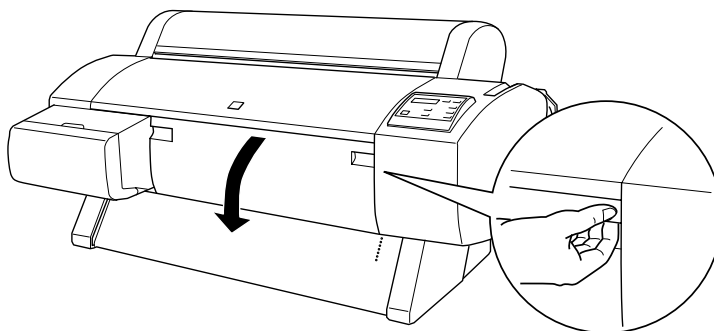
Replacing the Paper Cutter Blade

If you notice that your paper isn't cut cleanly, the cutter blade may need to be replaced. If you use the blade to cut heavy stock or non-EPSON media, you may need to replace it more often (see page 76 for paper types you shouldn't attempt to cut with the built-in cutter).

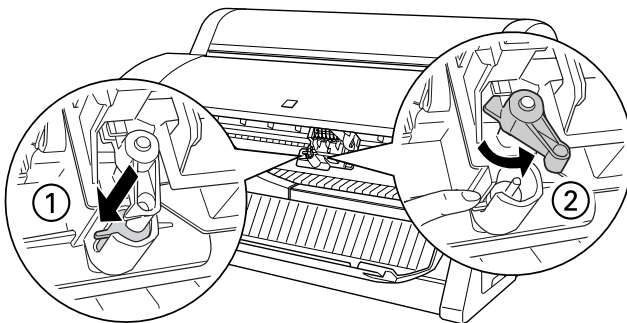
You can check the status of your cutter by printing the status check sheet or viewing its status on the control panel (see page 131). When you need a new cutter blade, contact EPSON and request part number C12C815241.

Follow these steps to replace the blade:

1. Make sure that the printer is on and the front cover is closed.
2. Press the **SelecType** button on the control panel. You see **PRINTER SETUP**.
3. Press **▼** until you see **MAINTENANCE**, then press **►**. You see **PWR CLEANING**.
4. Press **▼** until you see **CUTTER REPL**, then press **►**. You see **EXEC**.
5. Press **Enter**. The carriage moves to the cutter replacement position.
6. You see a message on the control panel telling you to open the front cover. Open the cover to access the carriage.

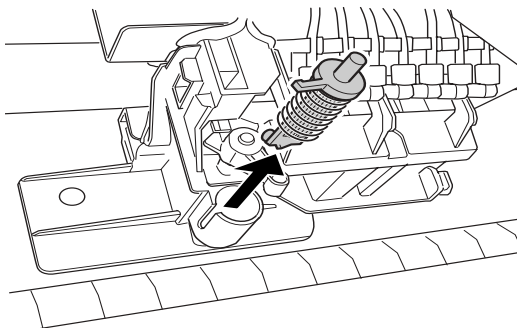


7. Push down on the side pin, then turn the latch to the right.

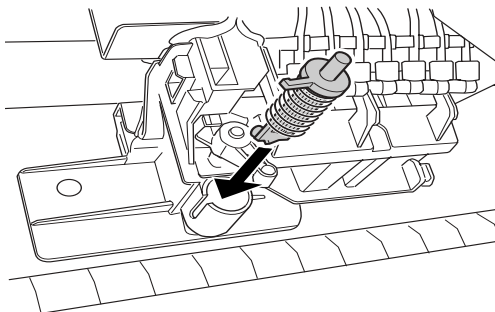


The blade is sharp.
Be careful when
removing it.

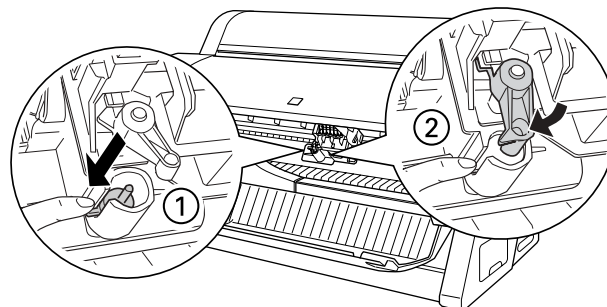
8. Carefully remove the cutter blade. Be careful not to lose the spring.



9. Insert the new cutter as shown.



10. Push down on the side pin while turning the latch to the left.



Do not try to slide the carriage by hand, or you may damage the printer.

11. Close the front cover. The carriage returns to the home position and the printer returns to normal operation.

Replacing the Maintenance Tank

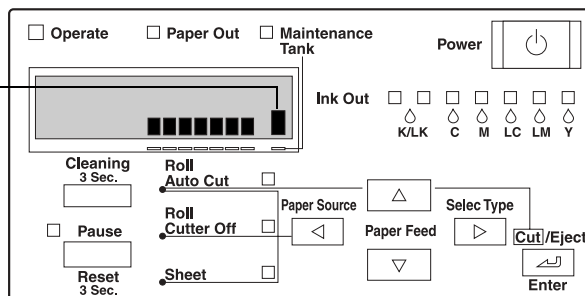
The maintenance tank stores ink that gets flushed from the system during automatic print head cleaning, or when you clean the print head nozzles or switch between black ink modes. When the tank is almost full, the Maintenance Tank light on the control panel flashes. When the tank is completely full, the printer stops working and the Maintenance Tank light stays on. You see the message **CHANGE MAINTENANCE TANK** on the control panel.

You can check how much space remains in the maintenance tank by viewing its indicator on the control panel, shown below. You can also check its status using the SelecType menu (see page 131) or by printing a nozzle check sheet (see page 132); the percentage indicates usable life remaining.



You can purchase replacement items for your printer from EPSON at (800) 873-7766, or by visiting the EPSON Store at www.epsonstore.com (U.S. sales only). In Canada, please call (800) 463-7766 for dealer referral.

Maintenance tank indicator (showing a new tank)



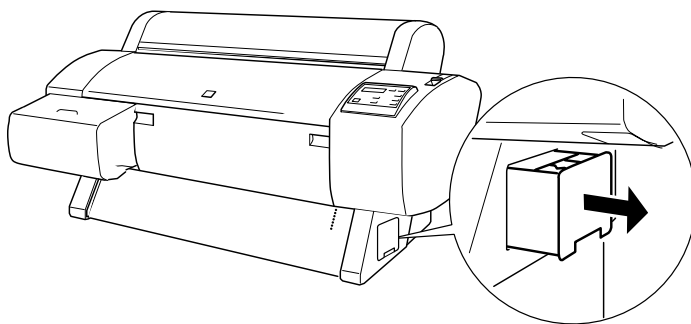
Replacement tanks are available from EPSON (part number C12C890071).

Follow these steps to replace the tank:

1. Make sure the printer is not printing or performing any other operations (READY or PAPER OUT should appear on the control panel).
2. Pull out the maintenance tank from the side of the printer.



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



3. Insert the new tank.



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.

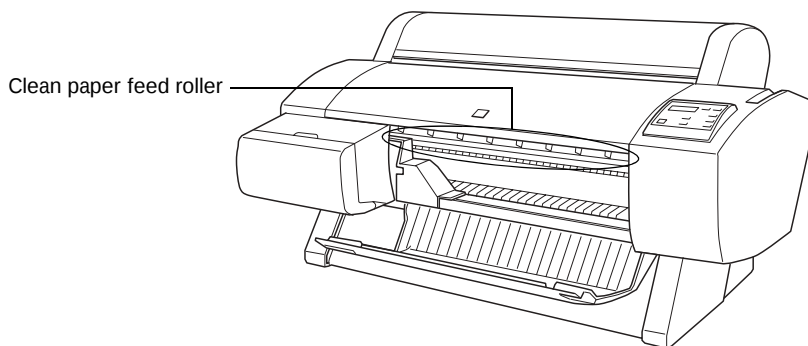
Don't spray the inside the printer with lubricants; unsuitable oils can damage the mechanism. Contact your dealer or a qualified servicer if you think the printer needs lubrication.

Cleaning the Printer

To keep your printer working at its best, you should clean it several times a year.

1. Make sure the printer is turned off and all the lights on the control panel are off. Then unplug the power cord and disconnect the printer from the computer.
2. Open the roll paper cover and remove the roll paper. Remove any sheet media from the printer. Then use a soft brush to carefully clean away any dust or dirt.
3. Open the lower cover and use a soft brush to carefully clean away any dust or dirt inside the cover.

Some kinds of paper can cause paper dust to accumulate on the paper feed roller. Clean the area shown below using canned air.



4. Remove the paper basket. Then clean away any dust or dirt around the leg assembly using a soft brush.
5. If the outer case is dirty, clean it with a soft, clean cloth dampened with mild detergent. Keep the ink cartridge compartment closed to prevent water from getting inside.
6. If the area under the roll paper cover accidentally gets soiled with ink, wipe it off with a damp cloth.
7. 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 161). 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.

Before shipping the printer or storing it for an extended period (two years for the Photographic Dye ink model, or six months for the UltraChrome ink model), contact EPSON for assistance (see page 11). Request a Printer Transportation Kit (provided on loan at no charge), which you must use to flush all the ink from the printer.

Make sure you have the following items on-hand before preparing the printer for shipping:

- original shipping container
- carriage locking bracket and screw (see page 22 or 33)
- at least one maintenance tank; you'll need two if the current tank is more than half-used (see page 155)
- a new set of ink cartridges for setting up the printer when it arrives at its destination

If any of these items are missing, contact EPSON for assistance in obtaining the necessary parts (see page 11).

Preparing the Printer for Shipment

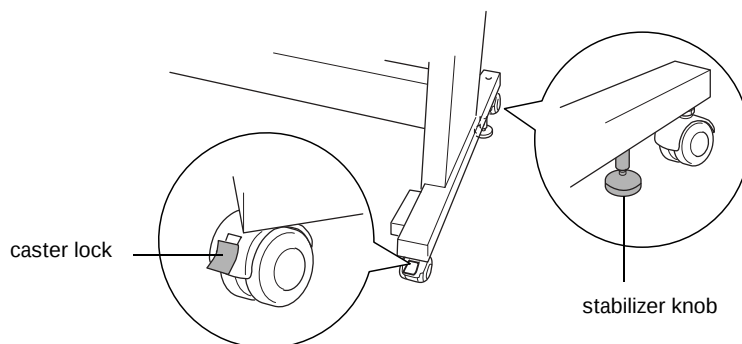
Follow the steps below to prepare the printer for shipment.

1. Contact EPSON, as described on page 11, to obtain a Printer Transportation Kit. You must use the kit to drain all the ink from the printer before it can be shipped. Instructions are provided with the kit.
2. Once the ink is drained, install a new maintenance tank (see page 155).
3. Turn off the printer and wait until the carriage moves to the home position (on the far right) and the **Operate** light goes off. Then unplug the printer.

4. Reinstall the carriage locking bracket and screw that was removed during setup. (See page 22 for the Stylus Pro 7600 or page 33 for the Stylus Pro 9600.)
5. Remove the following parts:
 - Power cord and interface cables
 - Paper basket
 - Roll paper spindle
 - All paper or other media
 - Optional auto take-up reel (if installed)
 - Optional manual cutter (if installed)
6. Make sure the ink cartridge lever is lowered and the ink cover is closed. Since the ink was drained from the printer, no ink cartridges should be installed.
7. If the printer is mounted on a stand, you'll need to remove it from the stand. First make sure the casters are locked and the two stabilizer knobs are touching the floor.



It's a good idea to store partially used cartridges in separate, resealable plastic bags.



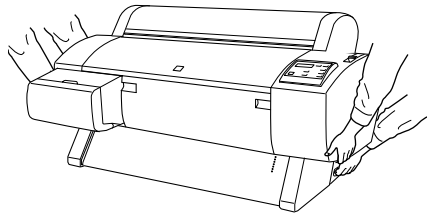
8. Remove the two wing nuts and lock washers securing the printer to the stand (underneath the printer). Keep them in a safe place.



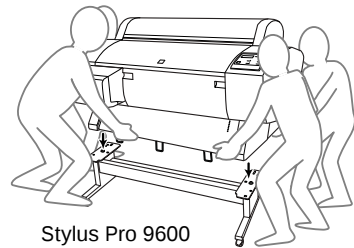
The Stylus Pro 7600 weighs about 100 lb (50 kg) and should be lifted by two people.

The Stylus Pro 9600 weighs almost 200 lb (100 kg) and should be lifted by four people.

9. Lift the printer using the hand grips where provided. (See the stickers located near the rear hand grips for the correct holding position.)



Stylus Pro 7600



Stylus Pro 9600

10. Keep the printer level while moving it.

Setting Up the Printer After Transportation

Setting up the printer after transporting it is almost identical to setting it up for the first time (see “Setting Up the Printer” on page 17).

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 132) and realign the print head (page 135) to ensure good print quality.

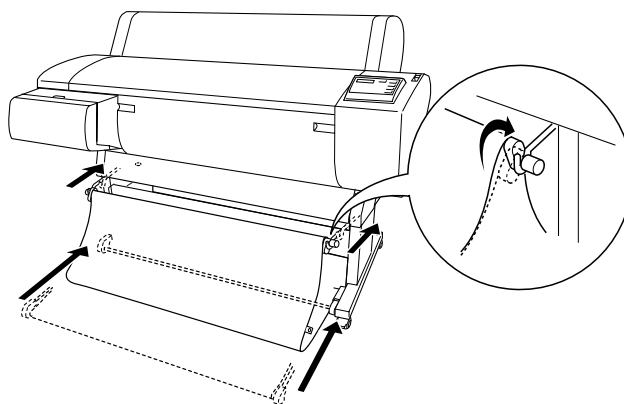


Do not roll the printer on angled or uneven surfaces.

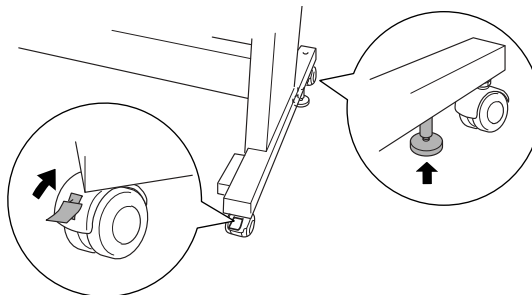
Moving the Printer on the Stand

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

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. Make sure the printer covers are closed.
4. Fully insert the metal rods supporting the paper basket, then roll up the paper basket so it doesn’t drag on the ground.



5. Release the front casters and retract the stabilizer knobs.



6. Carefully roll the printer to its new location. Relock the casters and extend the stabilizer knobs after moving.

Uninstalling and Reinstalling the Printer Software

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

Macintosh

1. Insert your printer software CD-ROM. Then double-click the CD-ROM icon to open it, if necessary.
2. Double-click the  icon.
3. Double-click the option for your printer.
4. Click Continue on the next screen.
5. Click Accept on the license agreement screen.
6. On the installer screen, click the arrow in the Easy Install list at the top and select **Uninstall**. Then click the **Uninstall** button at the bottom and follow the on-screen instructions.
7. If you want to reinstall your printer software, restart your Macintosh. Then follow the instructions beginning on page 50 to reinstall the software.

Windows

1. Double-click  My Computer, then double-click the Control Panel icon. (On Windows XP, click Start > Control Panel.)
2. Double-click Add/Remove Programs. Click EPSON Printer Software in the program list, then select your printer icon.
3. Click the Add/Remove button (Change/Remove button in Windows XP or 2000) and follow the on-screen instructions.
4. If you're using the USB port in Windows 98 or Me, click EPSON USB Printer Devices in the program list; then click the Add/Remove button.
5. If you want to reinstall your printer software, restart your computer. Then follow the instructions beginning on page 52 to reinstall the software.

Chapter 6: Solving Problems

As you use your printer, you may occasionally experience a problem. The first thing you should do is diagnose the problem following the guidelines in this chapter. Then try the most likely solutions until the problem is fixed.

This chapter provides instructions for the following:

- Diagnosing problems
- Using the control panel to check the printer
- Improving print quality
- Solving operational problems
- Solving miscellaneous printing problems
- Solving paper problems, including clearing paper jams

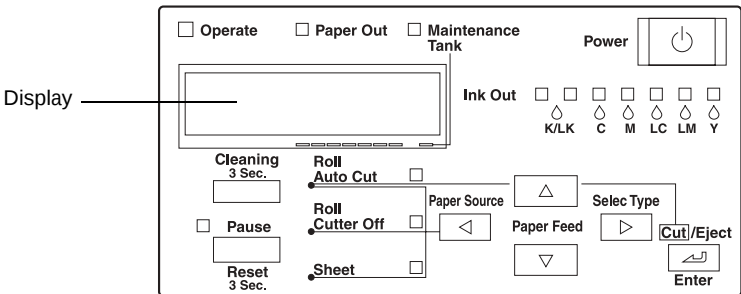
Diagnosing Problems

The EPSON Stylus Pro 7600 and 9600 include a number of ways to help you diagnose problems:

- To identify the most common problems, check the messages and lights on the printer's control panel. See page 166 for more information.
- If you're using the EPSON printer driver and Monitor3 (Macintosh) or Status Monitor 3 (Windows) utility, check your software for error messages (see page 106 for Macintosh or page 122 for Windows).
- To determine whether the problem is caused by the printer itself, disconnect the printer from your computer and run a nozzle check from the control panel. See page 132 for instructions.
- If none of the suggested solutions in this chapter solve your problem, contact EPSON as described under "Where To Get Help" on page 11.

Using the Control Panel to Check the Printer

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



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

Error messages

Message	Light	Explanation	Response
INK LOW	Ink Out light(s) flashing	Ink cartridge(s) are nearly empty (printing continues).	Make sure you have replacement cartridges available. See page 141.
INK OUT	Ink Out light(s) on	Ink cartridge(s) are empty (printing stops).	Replace the ink cartridge(s) indicated by Ink Out light(s). See page 141 for instructions.
NOT ENOUGH INK	Ink Out light(s) on	Not enough ink is available to finish cleaning the print head.	Replace the ink cartridge(s) indicated by Ink Out light(s). See page 141 for instructions.
NO INK CARTRIDGE	Ink Out light(s) on	Ink cartridge(s) not installed.	Install ink cartridges as indicated by the lights. See page 141 for instructions.
WRONG INK CARTRIDGE	Ink Out light(s) on	You tried to install the wrong ink cartridge.	If you are installing ink cartridges for the first time, you must install the cartridges that came with your printer.
INVALID INK CARTRIDGE			If you are replacing ink cartridges, check the package and product code. You must use the ink cartridges designed for your printer. Other cartridges will not work.

Error messages (continued)

Message	Light	Explanation	Response
LOAD PAPER	Paper Out light on	Paper lever is in the released position (all the way back) while loading paper.	After you finish loading paper, pull the paper lever all the way forward, to the secured position.
LOAD ROLL PAPER LOAD SHEET PAPER	Paper Out light on	Paper source setting in printer software is different from control panel.	Make sure the right paper is loaded and the paper source setting is the same on the control panel and printer software.
PAPER JAM	Paper Out light flashing	Paper has jammed in the printer.	Remove the jammed paper. See page 179 for more information.
PAPER NOT CUT	Paper Out light flashing	Roll paper was not cut completely.	Cut the paper manually, then remove the cut paper from the printer. Reload paper, as described on page 42.
		Cut paper did not fall off.	Remove the cut paper from the printer. Reload paper.
PAPER NOT STRAIGHT	Paper Out light flashing	Paper slipped and fed into the printer at an angle.	Reload paper, making sure the edges are straight and aligned with the vertical row of holes at the paper exit.
PAPER OUT	Paper Out light on	No paper is loaded.	Load paper.
		Paper ran out.	Remove any printouts or paper remaining in the printer and load more paper. If the message appears during a print job, reset the printer by pressing the Pause button for 3 seconds. Then load paper and resend the job.
RELOAD PAPER	Paper Out light on	Paper could not be reversed into the printing position.	Remove the paper. Reload it so that the bottom edge is straight and aligned with the vertical row of holes at the paper exit.
		Image is too wide for the paper loaded in the printer.	Resize your image or load wider paper.
		Paper is not loaded correctly.	Load the paper into the printer as described on page 69 (for roll paper) or page 77 (for sheets).
SET PAPER LEVER	Paper Out light on	Paper lever was released during the printing process or another operation.	Pull the lever all the way forward, to the secured position. Start printing again from the beginning for best results.

Error messages (continued)

Message	Light	Explanation	Response
SET INK LEVER	—	The ink lever was left in the unlocked position.	Pull the lever down to lock the ink cartridges.
FRONT COVER OPEN	Pause light on	Front cover is open.	Close the front cover.
TURN PRINTER PWR OFF AND ON	—	This message appears after you clear a paper jam.	Press the Power button to turn the printer off and back on again.
UNABLE TO PRINT	—	You tried to print while an error condition was present or the ink compartment cover was open.	After 3 seconds the message disappears. Press the Pause button to exit SelecType mode. If the message appears again, clear the error before you print.
MAINTENANCE TANK ALMOST FULL	Maintenance Tank light flashing	The maintenance tank is almost full.	Make sure you have a replacement maintenance tank. See page 155.
CHANGE MAINTENANCE TANK	All lights flashing	The maintenance tank is full.	Replace the maintenance tank. See page 155 for instructions.
NO MAINTENANCE TANK	Maintenance Tank light is on	The maintenance tank is not installed correctly.	Make sure the maintenance tank is fully inserted. See page 155 for instructions.
OPTION I/F ERROR	—	Wrong interface card installed.	Turn off the printer and remove the card. See the documentation that came with the card.
SERVICE REQ.	All lights flashing	An error has occurred.	Note the error number, then turn the printer off and back on. If the message remains, contact EPSON as described on page 11.
MAINTENANCE REQ.	—	A printer part will need to be replaced soon.	Note the error number and contact EPSON as described on page 11. (If only the cutter blade is worn out, you can replace it yourself. See page 130 to check its status.)
COMMAND ERROR		You're using the wrong printer driver.	Make sure you installed the correct driver for your printer (see page 50).
		Damaged data was sent to the printer.	To clear the data, press the printer's Power button to turn the printer off. Wait for about a minute, then turn the printer on again.

Improving Print Quality

You can often improve print quality by doing the following:

- Run a nozzle check and cleaning cycle. See page 132 for instructions.
- Align the print head. See page 135 for instructions.
- When you send a print job, make sure your print options are set correctly. For more information, see page 93 (Macintosh) or page 109 (Windows).

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

Print quality problems

Problem	Solution
Your print has horizontal banding.	• Check the Ink Out lights to see if you are low on ink. Replace ink cartridges if necessary, as described on page 141. • If you recently changed an ink cartridge, air may have entered the ink delivery system. Remove and reinstall the cartridge to make sure it's seated properly, then perform several cleaning cycles. See page 132. • Run a nozzle check and cleaning cycle. See page 132 for instructions. • Make sure the Media Type setting in the printer software is correct for the media you're printing on. • If you're using cut sheet media, make sure the printable side is face up. • Choose a higher resolution, such as SuperPhoto - 2880dpi. Try adjusting your paper configuration settings (page 102 for Macintosh or page 120 for Windows). Check these settings: • Make sure the Paper Thickness setting is correct for the paper you're printing on. • If you're printing on thin paper that's getting saturated with ink, reduce the Paper Suction. • Use the Paper Feed Adjustment to tune out banding. • If you've created a custom paper profile, be sure to return the setting to standard (STD) when you're done using it. See page 85.

Print quality problems (continued)

Problem	Solution
Your print has vertical banding.	• Check the Ink Out lights to see if you are low on ink. Replace ink cartridges if necessary, as described on page 141. • Run a nozzle check and cleaning cycle. See page 132 for instructions. • Make sure the Media Type setting in the printer software is correct for the media you're printing on. • If you're using cut sheet media, make sure the printable side is face up. • Choose a higher resolution, such as SuperPhoto - 2880 dpi. • Deselect the High Speed setting in your printer software's Advanced dialog box. • Align the print head, as described on page 135. You may need to adjust your paper configuration settings (page 102 for Macintosh or page 120 for Windows). Check these settings: • Your image may be oversaturated. Try reducing the Color Density and Paper Suction. • Make sure Paper Thickness setting is correct for the paper you're printing on. • If you've created a custom paper profile, be sure to return the setting to standard (STD) when you're done using it. See page 85.
Colors are incorrect or missing.	• Make sure the Media Type setting in the printer software is correct for the media you're printing on. • If you're using cut sheet media, make sure the printable side is face up. • Run a nozzle check and cleaning cycle (see page 132). • Check the expiration date printed on each of the ink cartridges. If the cartridge is too old, replace it as described on page 141. • Check the Ink Out lights and replace ink cartridges if your ink supply is low, as described on page 141. • Make sure color settings in your application or printer software are correct. • If you recently changed an ink cartridge, air may have entered the ink delivery system. Remove and reinstall the cartridge to make sure it's seated properly, then perform several cleaning cycles. See page 132. • Visit www.epson.com to download custom ICC color profiles for your printer.

Print quality problems (continued)

Problem	Solution
Your print has gaps or appears faint.	• Check the expiration date printed on each of the ink cartridges. If the cartridge is too old, replace it as described on page 141. • Make sure the Media Type setting in the printer software is correct for the media you're printing on. • Run a nozzle check and cleaning cycle (see page 132). • Check the Ink Out lights and replace ink cartridges if your ink supply is low, as described on page 141. • The paper thickness setting is not correct for the paper you're printing on. Use your printer software (page 102 for Macintosh or page 120 for Windows) to choose the correct setting. You may also need to adjust the Color Density. When you're done printing with a custom paper profile, be sure to return the setting to standard (STD). • The platen gap setting is too wide. Use the control panel to change the setting to STANDARD, or to NARROW if printing on very thin paper. See page 81 for instructions.
Your print appears blurry or smeared.	• Make sure the Media Type setting in the printer software is correct for the media you're printing on. • 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 102 for Macintosh or page 120 for Windows) to choose the correct setting. When you're done printing with a custom paper profile, be sure to return the setting to standard (STD). • Your paper doesn't meet the required specifications or wasn't stored in a dry, humidity-free environment. Load new paper. • If you're using cut sheet media, make sure the printable side is face up. • Ink has leaked into the paper path. Wipe the paper path area of the printer with a soft, clean cloth. See page 157 for cleaning instructions. • Deselect the High Speed setting in your printer software's Advanced dialog box. • The platen gap setting is too narrow. Use the control panel to change the setting to WIDE or WIDER. See page 81 for instructions. • Run a nozzle check and cleaning cycle (see page 132).

Print quality problems (continued)

Problem	Solution
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 for the media you're printing on. • 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 102 for Macintosh or page 120 for Windows) to choose the correct setting. When you're done printing with a custom paper profile, 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 81 for instructions.

Solving Operational Problems

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

Operational problems

Problem	Solution
The printer doesn't operate at all.	• Make sure the printer is turned on and the Operate light is on. • Make sure the printer is plugged securely into a working electrical outlet that's not controlled by a switch or timer. • Make sure 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 12 for details.) • Turn off the printer, then unplug the AC power cord. Wait for a minute, then reconnect the power cord and turn the printer back on.
The printer stops printing unexpectedly.	• If the Pause 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 Pause 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 166.
The printer sounds as if it's printing, but nothing prints.	Follow the instructions beginning on page 132 to clean the print head.
Nothing prints.	• Make sure paper is loaded in the printer. • Turn off the printer and computer. Make sure the interface cable is securely plugged in. • Make sure the interface cable meets the required specifications. See page 12 or 13. • Make sure the interface cable is directly connected to the computer without passing through a printer switching device, Zip™ drive, or extension cable. • If you are using Windows NT 4.0, try uninstalling the EPSON Printer Port. Click Start, point to Programs and EPSON Printers, then click EPSON Printer Port Uninstall. Follow the messages on the screen. • Try restarting your computer and printer.

Operational problems (continued)

Problem	Solution
Nothing prints (cont.)	• The printer port setting doesn't match the printer connection port (Windows). Windows Me, 98, or 95: Click Start, point to Settings and select Printers. Right-click the icon for your printer, then select Properties. Click the Details tab. Make sure your printer driver is selected in the Print using the following driver list. Then select the port to which your printer is connected in the Print to the following port list. Windows XP: Click Start, then select Control Panel. Double-click Printers and Other Hardware, then Printers and Faxes. Right-click the icon for your printer, then select Properties. Click the Ports tab and make sure your printer port is selected. Windows 2000 or NT 4.0: Click Start, point to Settings, and select Printers. Right-click the icon for your printer, then select Properties. Click the Ports tab and make sure your printer port is selected. • The printer driver doesn't have enough available memory (Macintosh). Quit all unnecessary applications. To increase the available memory in your Macintosh, select Control Panel from the Apple menu and double-click the Memory icon. You can increase the size of virtual memory to increase total available memory. • Follow the directions beginning on page 162 to uninstall your printer software. Then locate your printer software CD-ROM and reinstall the software (or download the latest printer software at www.epson.com).

Solving Miscellaneous Printing Problems

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

Miscellaneous printing problems

Problem	Solution
Your print has incorrect or garbled characters.	• Make sure your software is installed correctly and the printer is selected. • If you are using Windows NT 4.0, try uninstalling the EPSON Printer Port. Click Start, point to Programs and EPSON Printers, then click EPSON Printer Port Uninstall. Follow the messages on the screen. • Clear any stalled print jobs from Monitor3 (Macintosh) or Spool Manager (Windows). • Turn off the printer and computer. Make sure the interface cable is securely plugged in at both ends. • Make sure the printer has the latest updated firmware (available from www.epson.com).

Miscellaneous printing problems (continued)

Problem	Solution
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 setting in your printer software is correct for the paper you're using. • Paper is loaded incorrectly. Follow the instructions on page 69 (for roll paper) or page 77 (for sheets) to reload the paper. • The PAPER MARGIN (roll paper margin) setting on the control panel is incorrect. If you're using roll paper, check the setting for PAPER MARGIN on the Printer Setting Menu in your SelecType menus. See the <i>Reference Guide</i> on the CD-ROM that came with your printer for more information.
Your image is inverted.	• Turn off the Flip Horizontal setting in your printer software. See page 99 (Macintosh) or 118 (Windows) in this manual for instructions.
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 135.
Color images print in black only.	Make sure Color/B&W Photo is selected in your printer software.
The printer continues to feed paper after you have cancelled a job.	• Press the Pause button on the printer to stop feeding paper. Then press and hold the Pause button to reset the printer and clear any print job data in the printer's buffer. • If roll paper is installed, make sure the control paper is set to Roll Auto Cut or Roll Cutter Off, instead of Sheet.
Roll paper cannot be cut.	• The paper cutter blade may be dull. Follow the instructions on page 153 to replace the blade. • The paper may be too thick to cut with the built-in cutter. Cut the paper by hand with scissors or the optional utility cutter. • Make sure the Roll Auto Cut light on the control panel is on. Press the Paper Source button if necessary, and then press the Cut/Eject button.
Streaks or smears appear on your image	Paper dust and lint may have accumulated in the area near the paper feed roller. Clean this area with canned air (see page 157).

Miscellaneous printing problems (continued)

Problem	Solution
Printing is too slow.	• Make sure High Speed is turned on in the Advanced dialog box of your printer software. • 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. • If you have a Macintosh, turn off background printing. If you want to continue using background printing, select EPSON Monitor3 and increase its memory requirements. • If you're running Windows and your computer supports ECP or Enhanced mode and/or DMA transfers, turn them on to speed up printing. See your computer documentation and page 126 for more information.

Solving Paper Problems

Follow these guidelines when printing:

- When printing on glossy or semigloss paper, avoid scratching the shiny coating. Make sure the paper does not rub against the roll paper cover during loading or printing.
- 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 81 for more information.
- If you're not using EPSON media, make sure you profile the paper to adjust its thickness and drying time (see page 85).

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

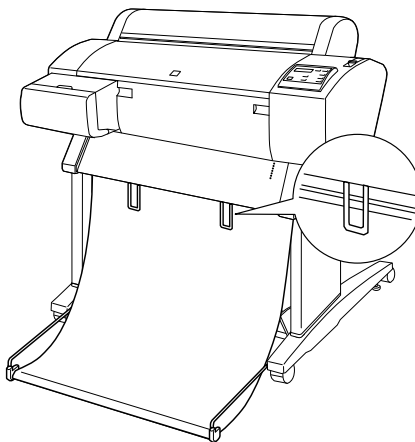
- When you're loading roll paper, make sure you line up the edge with the vertical row of holes at the printer's paper exit. Always turn the roll back to remove the slack. See page 42 for more information.
- For cut sheet paper, let the printer automatically load your paper so that it feeds correctly. Follow the instructions on page 77.
- For posterboard, follow the instructions on page 79 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 pages 63 and 183 for paper specifications.
- Make sure no foreign objects are inside the printer.
- Make sure the printer isn't located in a brightly lit area. The paper sensors may not operate correctly.

Solving Roll Paper Feeding Problems

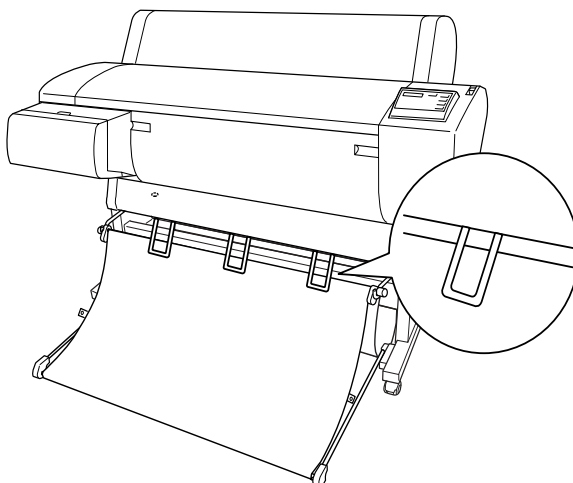


Use the paper guides only if paper is curled and doesn't feed properly. Otherwise, the paper guides may mar your prints.

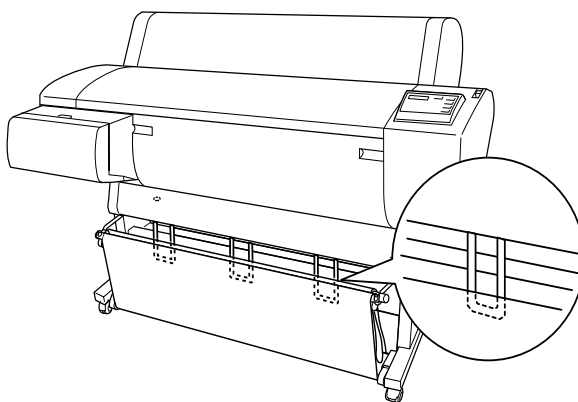
If your roll paper is curled too tightly and doesn't feed out of the printer, you can use the paper guides shown below to help it feed straight (two on the Stylus Pro 7600 and three on the 9600).



- If you have the paper basket set up in front of the printer, adjust the paper guides out so they rest on the front of the basket.



- If you have the paper basket set up below the printer, adjust the paper guides so that they rest behind the basket.



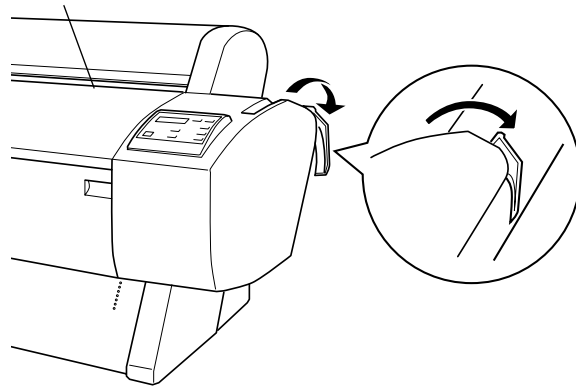
If your paper is not curled and feeds properly without the guides, it's a good idea to remove them (squeeze them inward to detach them). This prevents your printouts from getting accidentally marred.

Clearing Paper Jams

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

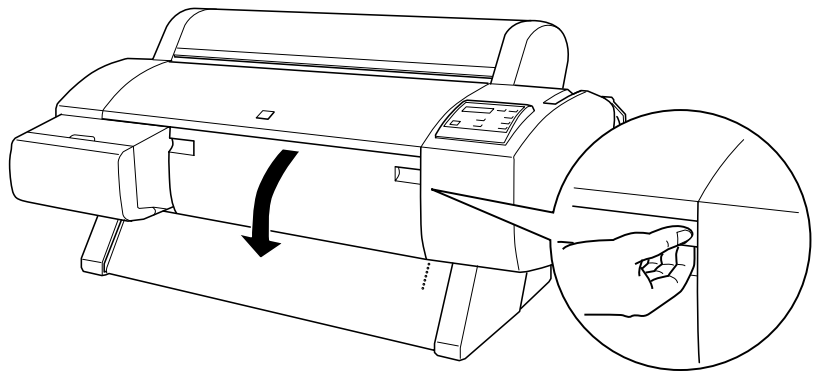
1. If roll paper is jammed, open the roll paper cover and cut it by hand slightly above the paper insertion slot.

Cut paper across here



To avoid damaging the printer, never move the paper lever while the Operate or Pause light is flashing.

2. Push back the paper lever to release the jammed paper.
3. Open the front cover if necessary.



4. Carefully pull down the jammed paper. Be careful not to damage the print head, in case the carriage has stopped over the paper.

Once the paper is removed, you see the message **TURN PRINTER PWR OFF AND ON** on the control panel.

5. Close the front cover, if necessary, then press the **Power** button to turn the printer off. Wait a few seconds, then press it again to turn the printer back on.
6. Make sure the **Paper Out** light is on and **LOAD PAPER** is displayed on the control panel. Then reload your paper.

Appendix A: Specifications



Additional specifications are provided in the *Reference Guide* included on the CD-ROM that came with your printer.

Printing

Printing method	7 color EPSON UltraChrome ink or 6 color EPSON Photographic Dye ink UltraChrome ink model switchable between three black ink modes: • Photo Black Mode • Matte Black Mode • Dual Matte Black Mode
Nozzle configuration	Color and monochrome heads: 96 nozzles × 7 (black 1, black 2, cyan, magenta, yellow, light cyan, light magenta)
Maximum print speed	190 ft ² per hour
Maximum resolution	2880 × 1440 dpi
Engine reliability	
Total print volume	20,000 B0 images (360 × 360 dpi)
Print head life	28 billion dots per nozzle
Periodic maintenance (pump unit, head cleaner, cap assembly)	Requires replacement approximately every 2 years based on 25% duty cycle
Cutter blade life (user replaceable)	Approximately 2,000 B0+ sheets (EPSON media up to 4.33 mil thick); approximately 1,000 B0+ film sheets
Print direction	Bidirectional
Control code	EPSON ESC/P® Raster Photographic Driver
Paper feed speed	215 ± 10 milliseconds per 1/6-inch line
Line spacing	1/6 inch or programmable in 1/1440-inch increments
RAM	32MB (Stylus Pro 7600) 64MB (Stylus Pro 9600)

Environmental

	Operation	Storage	Transit (stored in shipping container)
Temperature	50 to 95 °F (10 to 35 °C)	–4 to 104 °F (–20 to 40 °C) (1 month at 104 °F)	–4 to 140 °F (–20 to 60 °C) (120 hours at 140 °F)
Humidity (without condensation)	20 to 80% RH	20 to 85% RH	5 to 85% RH

Dimensions and Weight

	Stylus Pro 7600	Stylus Pro 9600
Height	22.0 inches (560 mm)	46.5 inches (1181 mm)
Width	43.3 inches (1100 mm)	63.9 inches (1624 mm)
Depth	22.5 inches (572 mm)	28.2 inches (717 mm)
Weight	96 lb (43.5 kg), without stand	185 lb (84 kg), with stand

Electrical

Specification	Description
Input voltage range	120 V (90 to 132 V) or 220 V (208 to 264 V)
Rated frequency range	50 to 60 Hz
Input frequency range	49 to 61 Hz
Rated current	1.0 A at 120 V 0.5 A at 220 V
Power consumption	Stylus Pro 7600: Approx. 50 W (ISO 10561 letter pattern) 12 W or less in sleep mode Stylus Pro 9600: Approx. 55 W (ISO 10561 letter pattern) 12 W or less in sleep mode

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

Printer Interfaces

- USB (1.1 and 2.0 compatible)
- Parallel (IEEE-1284 ECP Mode)

In addition, a Type-B expansion slot is available for installing one of these options:

- Ethernet network card (10/100 Base T)
- IEEE 1394 (FireWire) card

Safety Approvals

Safety standards	UL 1950, CSA 22.2 No. 950 FDA
EMC	FCC part 15 subpart B, class B, CSA C108.8 class B

Paper

Maximum printable width	24.16 inches (Stylus Pro 7600) or 44.16 inches (Stylus Pro 9600)
Maximum printable length	Up to 100 feet (limited by roll length and software application)
Weight range	12 lb bond up to 1.5 mm posterboard
Roll paper compatibility	Handles both 2- and 3-inch cored media
Maximum roll paper diameter	4 inches (2-inch core) or 6 inches (3-inch core)

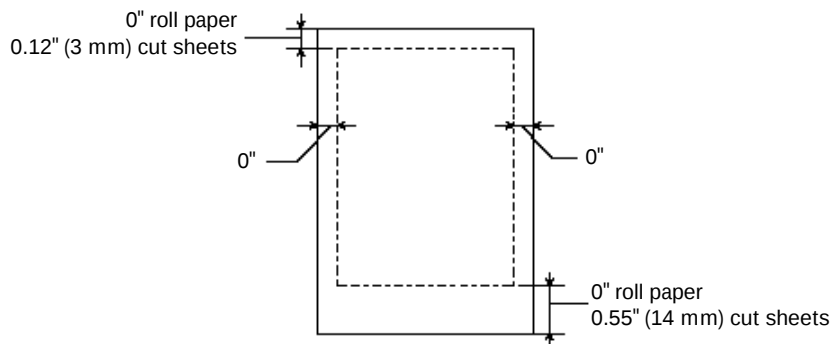
Poor quality paper may reduce print quality and cause paper jams or other problems. If you encounter problems, switch to a higher grade of paper. Do not use curled, folded, or deckle-edge paper.



For more information on printing without borders, visit www.epson.com. Under Drivers & Support, select Manuals & Documents. Select your printer, then select Product Support Bulletin.

Printable Area

Minimum margins for roll paper and cut sheets:



Default roll paper margins are 0.55 inches (14 mm) top and bottom, and 0.12 inches (3 mm) right and left. Using the printer software, you can set either all the margins, or just the left and right margins, to zero.

BorderFree printing is available for these media widths:

Stylus Pro 7600: 8, 10, 12, 14, 16, 20, and 24 inches

Stylus Pro 9600: 8, 10, 12, 14, 16, 20, 24, 36, and 44 inches

Ink Cartridges

Lightfastness*

Photographic Dye	Color: up to 26 years (using EPSON ColorLife paper) Black and white: Not rated
UltraChrome	Color: up to 100 years Black and white: over 100 years

Cartridge life

Photographic Dye	2 years from production date
UltraChrome	2 years from production date if unopened; within 6 months after opening package, at 77 °F (25 °C)

Temperature

Storage (uninstalled)	–22 to 104 °F (–30 to 40 °C); 1 month at 104 °F
Storage (installed)	–4 to 104 °F (–20 to 40 °C); 1 month at 104 °F
Transit	–22 to 140 °F (–30 to 60 °C); 1 month at 104 °F, 120 hours at 140 °F
Freezing	5 °F (–15 °C); ink thaws and is usable after at least 3 hours at 77 °F (25 °C)

Capacity	110 ml 220 ml available for Stylus Pro 9600, UltraChrome ink only
----------	---

* Preliminary data from Wilhelm Imaging Research, Inc. indicate the lightfastness of color UltraChrome prints made by the EPSON Stylus Pro 7600 and 9600 printers will be rated up to 100 years under glass on specific EPSON media. Data indicate the lightfastness of black and white UltraChrome images printed using the 7-color mode will be rated as greater than 100 years under glass on specific EPSON media.

Ink lightfastness ratings are based on accelerated testing of prints on specialty media, displayed indoors, under glass. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity, and atmospheric conditions. EPSON does not guarantee longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them. Visit www.wilhelm-research.com for the latest information.

Index

A

- Accessories, 10 to 11
- Advanced Photo setting, 94, 111
- Aligning print head, 57 to 62, 135 to 140
- AppleTalk setting, 51
- Auto Cut setting, 91, 115
- Auto Rotate setting, 91, 115
- Automatic Take-Up Reel, ordering, 10

B

- Background printing, Macintosh, 103 to 104
- Banding, 169, 170
- Basic printing
 - Macintosh, 90 to 97
 - Windows, 109 to 113
- Basket, paper
 - cleaning, 157
 - in front of printer, 82 to 83
 - under printer, 83
- Belt, roll paper, 74
- BI-D adjustment, *see* Aligning print head
- Black ink modes, switching, 146 to 152
- Blank pages, 175
- Blurry prints, 171
- BorderFree printing, 91 to 92, 115 to 116, 184
- Buttons, control panel, 166

C

- Cable problems, 173, 174
- Canceling print jobs
 - Macintosh, 104, 106
 - Windows, 122
- Cartridges, *see* Ink cartridges
- Chooser, selecting printer, 51
- Cleaner (cleaning unit), checking status, 130 to 131

- Cleaning
 - paper basket, 157
 - print head, 54 to 56, 132 to 134
 - printer, 157
- Cleaning button, 133
- Color management
 - Macintosh, 94, 100 to 101
 - Windows, 118 to 120
- Color problems, 169, 170, 175
- Color viewing conditions, 101, 119
- ColorSync settings, 100 to 101
- Component life, checking, 130 to 131
- Configuration options
 - Macintosh, 107 to 108
 - Windows, 124 to 128
- Connecting printer, 45 to 49
- Control panel
 - aligning print head, 57 to 62, 135 to 140
 - buttons, 166
 - cleaning print head, 133 to 134
 - component life, checking, 130 to 131
 - illustration, 166
 - ink levels, checking, 130 to 131
 - lights, 166 to 168
 - messages, 166 to 168
 - monitoring printer, 166
 - status check, printing, 130
- CR (carriage) motor, checking status, 130 to 131
- Custom paper size, creating, 91, 114
- Cut sheet paper
 - heavy stock, 79 to 81
 - loading, 77 to 78
 - printable area, 184
- Cut/Eject button, 76
- Cutter
 - cutting paper manually, 76
 - manual, ordering, 10
 - replacing blade, 153 to 155
 - service life, 181

D

Data transfer, optimizing, 126 to 128
 Deleting print jobs
 Macintosh, 104, 106
 Windows, 122
 Diagnosing problems, 165
 Digital camera correction, 101, 120
 Dimensions of printer, 182
 DMA transfers, 127
 Documentation, how to use, 9

E

EFI RIP software, ordering, 10
 Electrical specifications, 182
 Energy consumption, 182
 ENERGY STAR, 14
 Engine reliability, 181
 Environmental specifications, 182
 EPSON
 accessories, 10 to 11
 help, 11 to 12
 media, 64 to 69
 Preferred Protection Plan, 11
 Printer Port, 127, 173, 174
 Store, 11
 Error messages, 166 to 168
 Error notification, 107 to 108,
 124 to 125
 Ethernet interface
 card, ordering, 10
 system requirements, 13

F

Faint prints, 171
 Fiery RIP software, ordering, 10
 FireWire
 cable requirements, 12, 13
 card, ordering, 10
 system requirements, 13
 Flip Horizontal setting, 99, 118, 175

G

Gamma setting, 101, 119
 Graph setting, 94, 111
 Guides, paper, 177 to 178

H

Head Alignment menu, 57 to 62,
 135 to 140
 Head unit (print head), checking
 status, 130 to 131
 Heavy media, cutting, 76
 Height of printer, 182
 Help, EPSON, 11 to 12
 High Speed Copies setting, 108, 127
 High Speed setting, 99, 118
 Humidity requirements, 182

I

ICM setting, 111, 118
 IEEE 1394 card, ordering, 10
 Ink
 lightfastness, 185
 maintenance tank, 130 to 131
 monitoring level, 106 to 107,
 121 to 126, 130 to 131
 waste ink system, 181
 Ink cartridges
 checking status, 130 to 131
 installing in new printer, 38 to 41
 ordering, 142
 removing for transportation, 159
 replacing, 141 to 145
 safety instructions, 15 to 16
 specifications, 185
 switching black ink modes,
 146 to 152
 Ink Out light(s), 166 to 168
 Installing
 ink cartridges in new printer,
 38 to 41
 Macintosh software, 50 to 51
 Windows software, 52 to 53

J

Jams, paper, 179 to 180

L

Layout

Macintosh options, 90 to 91

Windows options, 114 to 115

Lightfastness, 185

Lights, control panel, 166 to 168

Loading

cut sheet paper, 77 to 78

posterboard, 79 to 81

roll paper, 42 to 44

M

Macintosh

advanced print options, 98 to 102

background printing, 103 to 104

basic print options, 93 to 97

color management, 100 to 101

ColorSync settings, 100 to 101

configuration options, 107 to 108

drivers, 89 to 102

layout options, 90 to 91

managing print jobs, 103 to 108

Monitor3, 104 to 105

monitoring printer, 103 to 108

page setup options, 90 to 91

software, installing, 50 to 51

software, uninstalling, 162

Status Monitor, 106 to 107

system requirements, 12

Utility menu, 106 to 107

Maintenance, 129 to 157

Maintenance tank

ordering, 11

replacing, 155 to 156

Manual cutter, ordering, 10

Manuals, how to use, 9

Margins

incorrect, 175

minimum, 184

printing without, 91 to 92,

115 to 116

Mechanical specifications, 182

Media, 96 to 97, 112 to 113

Media type setting, 96 to 97,

112 to 113

Memory

problems, 174

specifications, 181

Messages, error, 166 to 168

Metamerism, 101, 119

MicroWeave setting, 99, 118

Monitor3, 104 to 105

Monitoring printer

control panel, 166

Macintosh, 103 to 108

Windows, 121 to 125

Motors, checking status, 130 to 131

Moving printer, 158 to 162

N

Nozzle Check utility, 54 to 56

O

Optimizing data transfer, 126 to 128

Options, 10 to 11

P

Page Line setting, 76, 91, 115

Page setup options, Macintosh,

90 to 91

Paper

attaching to spindle, 70 to 71

configuration settings, 102, 120,

171

custom settings, 84 to 87

custom size, creating, 91, 114

cut sheet, 77 to 81

EPSON, 64 to 69

Paper (*continued*)

- handling, 63 to 87
- heavy stock, 79 to 81
- jams, 179 to 180
- loading sheets, 77 to 78
- non-EPSON, 84 to 87
- options, Macintosh, 90 to 91
- options, Windows, 114 to 115
- ordering, 64 to 67
- printable area, 184
- problems, 176 to 180
- removing from spindle, 74
- roll, 69 to 77
- specifications, 183
- suction, 102, 120
- trim lines, 76 to 77, 91, 115

Paper Config. menu, 84, 85, 86

Paper cutter

- replacing blade, 153 to 155
- service life, 181

Paper feed speed, 181

Paper guides, 177 to 178

Paper Out light, 166 to 168

Paper Size setting, 91, 114, 175

Paper Source setting, 90, 114, 175

Parallel interface

- cable requirements, 13
- connecting to port, 47
- optimizing speed, 126 to 128
- problems, 173, 174

Pause light, 166 to 168

Pausing print jobs

- Macintosh, 104
- Windows, 122

PF (paper feed) motor, checking status, 130 to 131

PhotoEnhance4, 100, 101, 102, 118, 120

Photographic Dye ink cartridges, 142

Photo-realistic setting, 101, 119

Platen gap setting, 171

Posterboard, 79 to 81

Power consumption, 182

Print head

- aligning, 57 to 62, 135 to 140
- checking status, 54 to 56, 130 to 131, 132 to 134
- cleaning, 54 to 56, 132 to 134
- service life, 181

Print jobs

- canceling, 104, 106, 122
- custom settings, 111
- managing, 103 to 108, 121 to 126
- pausing, 104, 122

Print quality, 98, 117, 169 to 171

Print speed, 181

Print time, setting, 103 to 105

Printer

- assembly, 17 to 37
- checking status, 106 to 108, 122 to 126, 130
- cleaning, 157
- connecting to computer, 45 to 49
- dimensions, 182
- maintaining, 129 to 157
- monitoring, 103 to 108, 121 to 125, 166
- motors, checking status, 130 to 131
- moving, 158 to 162
- Port, EPSON, 127, 173, 174
- posterboard, loading, 79 to 81
- setting up, 17 to 37
- software, installing, 50 to 53
- software, uninstalling, 162 to 163
- specifications, 181 to 182
- stand, optional, 10
- status check, 130 to 131
- storing, 158 to 160
- total print volume, 181
- transporting, 158 to 162
- turning off, 14
- weight, 182

Printer Setting menu, 76, 81

Problems

- banding, 169, 170
- blank paper, 175
- blurry prints, 171
- cable, 173, 174
- color, 169, 170, 175
- diagnosing, 165
- faint prints, 171
- garbled characters, 174
- inverted image, 175
- margin, 175
- memory, 174
- misalignment, 169, 170
- nothing prints, 173 to 174
- operational, 173 to 174
- paper, 176 to 180
- paper feeding, 175, 177 to 178
- paper jams, 179 to 180
- print quality, 169 to 171
- printer driver, 173 to 175
- printing stops, 173
- roll paper cannot be cut, 175
- slow printing, 176
- smear prints, 175

Progress Meter, 121, 127

R

RAM, *see* Memory

Registering non-EPSON media,
84 to 87

Requirements, system, 12 to 13

Resolution

- Macintosh, 98
- maximum, 181
- Windows, 117

RIP software, ordering, 10

Roll paper

- attaching to spindle, 70 to 71
- Auto Cut, 91, 115
- Auto Rotate, 91, 115
- belt, 74
- cannot be cut, 175
- cutting manually, 76

Roll paper (*continued*)

- feed problems, 177 to 178
- loading, 42 to 44
- Page Line setting, 76, 91, 115
- printable area, 184
- removing from spindle, 74
- Save Roll Paper setting, 91, 115
- settings, Macintosh, 91
- settings, Windows, 115
- trim lines, 76 to 77, 91, 115

S**Safety**

- approvals, 183
- instructions, 14 to 16

Saturation setting, 102

Save Roll Paper setting, 91, 115

SelecType menus

- Cutter Replace, 153
- Head Alignment, 57 to 62,
135 to 140
- Paper Profile, 84 to 87
- Printer Setting, 76, 81
- Test Print, 130

Slow printing, 176

Software

- installing, 50 to 53
- uninstalling, 162 to 163

Specifications

- electrical, 182
- environmental, 182
- ink cartridges, 185
- mechanical, 182
- paper, 183
- printable area, 184
- printer, 181 to 182

Speed and Progress utility, 126 to 128

Spindle

- ordering, 10
- removing roll paper, 74

Spool folders, 107 to 108, 127

Spool Manager, 122

sRGB setting, 111, 118

- Stand, optional printer, 10
- Status Monitor
 - Macintosh, 106 to 107
 - Windows, 122 to 124
- Storing printer, 158 to 160
- Suction, 102, 120
- Support, EPSON, 11 to 12
- System requirements, 12 to 13

T

- Technical support, 11 to 12
- Temperature requirements, 182
- Test Print menu, 130
- Text/Graph setting, 94, 111
- Transporting printer, 158 to 162
- Trim lines, printing
 - control panel, 76 to 77
 - Macintosh, 91
 - Windows, 115
- Troubleshooting, 165 to 180

U

- UltraChrome ink cartridges, 142
- UNI-D adjustment, *see* Aligning print head
- Uninstalling software, 162 to 163
- Unit ID number, 11
- USB
 - cable requirements, 12, 13
 - driver, uninstalling, 163
- User-defined paper size, 114
- Utility cutter, ordering, 10
- Utility menu
 - Macintosh, 106 to 107
 - Windows, 123

V

- Vivid setting, 101, 119

W

- Waste ink system, 130 to 131, 155 to 156, 181
- Weight of printer, 182
- Width of printer, 182
- Windows
 - advanced print options, 117 to 120
 - basic print options, 109 to 113
 - color management, 118 to 120
 - custom print job settings, 111
 - drivers, 109 to 120
 - layout options, 114 to 115
 - managing print jobs, 121 to 122
 - monitoring preferences, setting, 124 to 126
 - optimizing print speed, 126 to 128
 - printer status, checking, 122 to 124
 - software, installing, 52 to 53
 - software, uninstalling, 163
 - Speed and Progress utility, 126 to 128
 - status alerts, 125
 - Status Monitor 3, 122 to 124
 - system requirements, 13
 - user-defined paper size, 114