

# DS-530 II

# User's Guide

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**Product Features**

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**Scanner Basics**

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**Specifications of Originals and Placing  
Originals**

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**Basic Scanning**

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**Maintenance**

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**Solving Problems**

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## Introduction to the Manuals

The latest versions of the following manuals are available from the Epson support website.

<http://www.epson.eu/support> (Europe)

<http://support.epson.net/> (outside Europe)

Start Here (paper manual)

Provides you with information on setting up the product and installing the application.

User's Guide (digital manual)

Provides instructions on using the product, maintenance, and solving problems.

As well as the manuals above, see the help included in the various Epson applications.

---

## Marks and Symbols



**Caution:**

*Instructions that must be followed carefully to avoid bodily injury.*



**Important:**

*Instructions that must be observed to avoid damage to your equipment.*

**Note:**

*Provides complementary and reference information.*

### Related Information

➔ Links to related sections.

---

## Descriptions Used in this Manual

Screenshots for the applications are from Windows 10 or macOS High Sierra. The content displayed on the screens varies depending on the model and situation.

Illustrations used in this manual are for reference only. Although they may differ slightly from the actual product, the operating methods are the same.

---

## Operating System References

### Windows

In this manual, terms such as "Windows 10", "Windows 8.1", "Windows 8", and "Windows 7" refer to the following operating systems. Additionally, "Windows" is used to refer to all versions.

Microsoft® Windows® 10 operating system

- Microsoft® Windows® 8.1 operating system
- Microsoft® Windows® 8 operating system
- Microsoft® Windows® 7 operating system

**Mac OS**

In this manual, "Mac OS" is used to refer to macOS Catalina, macOS Mojave, macOS High Sierra, macOS Sierra, OS X El Capitan, and OS X Yosemite.

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# Important Instructions

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## Safety Instructions

Read and follow these instructions to ensure safe use of this product and options. Make sure you keep this manual for future reference. Also, be sure to follow all warnings and instructions marked on the product and options.

- ❑ Some of the symbols used on your product and options are to ensure safety and proper use of the product. Visit the following Web site to learn the meaning of the symbols.

<http://support.epson.net/symbols>

- ❑ Place the product and options on a flat, stable surface that extends beyond the base of the product and options in all directions. If you place the product and options by the wall, leave more than 10 cm between the back of the product and options and the wall.
- ❑ Place the product and options close enough to the computer for the interface cable to reach it easily. Do not place or store the product and options or the AC adapter outdoors, near excessive dirt or dust, water, heat sources, or in locations subject to shocks, vibrations, high temperature or humidity, direct sunlight, strong light sources, or rapid changes in temperature or humidity.
- ❑ Do not use with wet hands.
- ❑ Place the product and options near an electrical outlet where the adapter can be easily unplugged.
- ❑ The AC adapter cord should be placed to avoid abrasions, cuts, fraying, crimping, and kinking. Do not place objects on top of the cord and do not allow the AC adapter or the cord to be stepped on or run over. Be particularly careful to keep the cord straight at the end.
- ❑ Use only the power cord supplied with the product and do not use the cord with any other equipment. Use of other cords with this product or the use of the supplied power cord with other equipment may result in fire or electric shock.
- ❑ Use only the AC adapter that comes with your product. Using any other adapter could cause fire, electrical shock, or injury.
- ❑ The AC adapter is designed for use with the product with which it was included. Do not attempt to use it with other electronic devices unless specified.
- ❑ Use only the type of power source indicated on the AC adapter's label, and always supply power directly from a standard domestic electrical outlet with the AC adapter that meets the relevant local safety standards.
- ❑ When connecting this product and options to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.
- ❑ Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.
- ❑ If you use an extension cord with the product, 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.
- ❑ Never disassemble, modify, or attempt to repair the AC adapter, product, or product options by yourself except as specifically explained in the product's guides.
- ❑ Do not insert objects into any opening as they may touch dangerous voltage points or short out parts. Beware of electrical shock hazards.
- ❑ If damage occurs to the plug, replace the cord set or consult a qualified electrician. If there are fuses in the plug, make sure you replace them with fuses of the correct size and rating.
- ❑ Unplug the product, options, and the AC adapter, and refer servicing to qualified service personnel under the following conditions: The AC adapter or plug is damaged; liquid has entered the product, options, or the AC adapter; the product or the AC adapter has been dropped or the case has been damaged; the product, options, or the AC adapter does not operate normally or exhibits a distinct change in performance. (Do not adjust controls that are not covered by the operating instructions.)

- Unplug the product and the AC adapter before cleaning. Clean with a damp cloth only. Do not use liquid or aerosol cleaners except as specifically explained in the product's guides.
- If you are not going to use the product for a long period, be sure to unplug the AC adapter from the electrical outlet.
- After replacing consumable parts, dispose of them correctly following the rules of your local authority. Do not disassemble them.

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## Restrictions on Copying

Observe the following restrictions to ensure the responsible and legal use of your product.

Copying of the following items is prohibited by law:

- Bank bills, coins, government-issued marketable securities, government bond securities, and municipal securities
- Unused postage stamps, pre-stamped postcards, and other official postal items bearing valid postage
- Government-issued revenue stamps, and securities issued according to legal procedure

Exercise caution when copying the following items:

- Private marketable securities (stock certificates, negotiable notes, checks, etc.), monthly passes, concession tickets, etc.
- Passports, driver's licenses, warrants of fitness, road passes, food stamps, tickets, etc.

**Note:**

*Copying these items may also be prohibited by law.*

Responsible use of copyrighted materials:

Products can be misused by improperly copying copyrighted materials. Unless acting on the advice of a knowledgeable attorney, be responsible and respectful by obtaining the permission of the copyright holder before copying published material.

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# Product Features

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## Paper Protection to Reduce Damage to the Originals

This scanner comes with a paper protection feature. This feature reduces damage to originals by stopping scanning when it detects a feeding error, such as when scanning stapled documents by mistake.



### Related Information

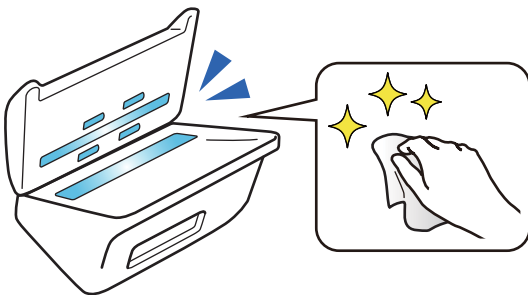
➔ [“Setting the Document Protection Feature” on page 132](#)

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## Notification of Dirt on the Sensor

This scanner can detect dirt on the scanning sensor, and notifies you that you need to clean the sensor before dirt can cause lines in the scanned images.

You can easily keep the sensor clean, and avoid a decline in image quality.



### Related Information

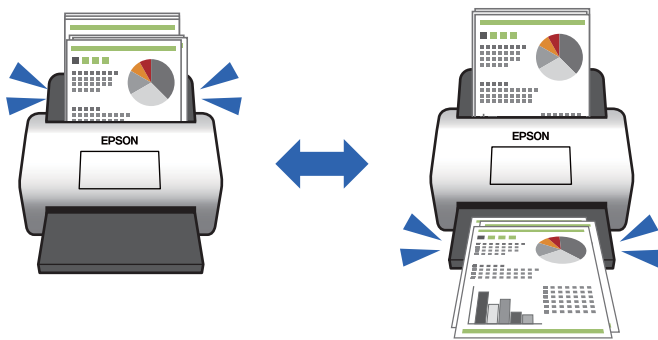
➔ [“Setting the Glass Surface Stain Detection Feature” on page 131](#)

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## Double-Feed Detection Feature with Selectable Stop Timing

When multiple documents are fed during scanning, the double-feed detection feature will stop scanning. When a double-feed is detected, you can select between stopping the scan immediately or stopping after ejecting the document.

For example, when scanning slips attached to sheets of paper, selecting **After Eject** detects a double-feed and stops after ejecting the paper, but allows you to continue scanning.



### Related Information

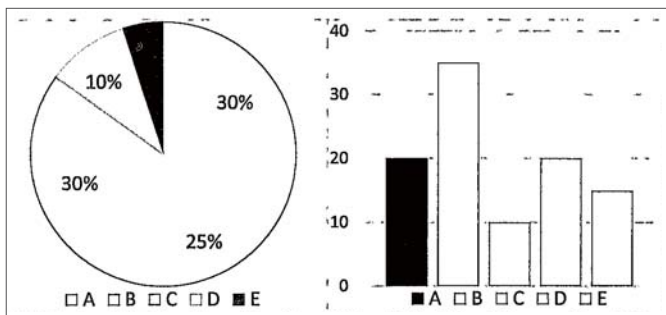
➔ [“Setting the Operation When a Double-Feed is Detected” on page 133](#)

## High-Quality Scanning with Automatic Document Detection

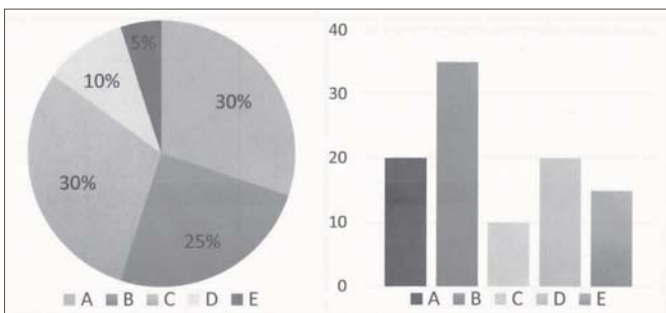
You can set Color/Black & White automatic detection as well as Color/Grayscale automatic detection according to the document and application being used.

When set to Color/Grayscale automatic detection, you can attain high-quality images by scanning monochrome documents that include figures and tables in grayscale.

Color/Black & White



Color/Grayscale



**Related Information**

➔ [“Application for Controlling the Scanner \(Epson Scan 2\)”](#) on page 23

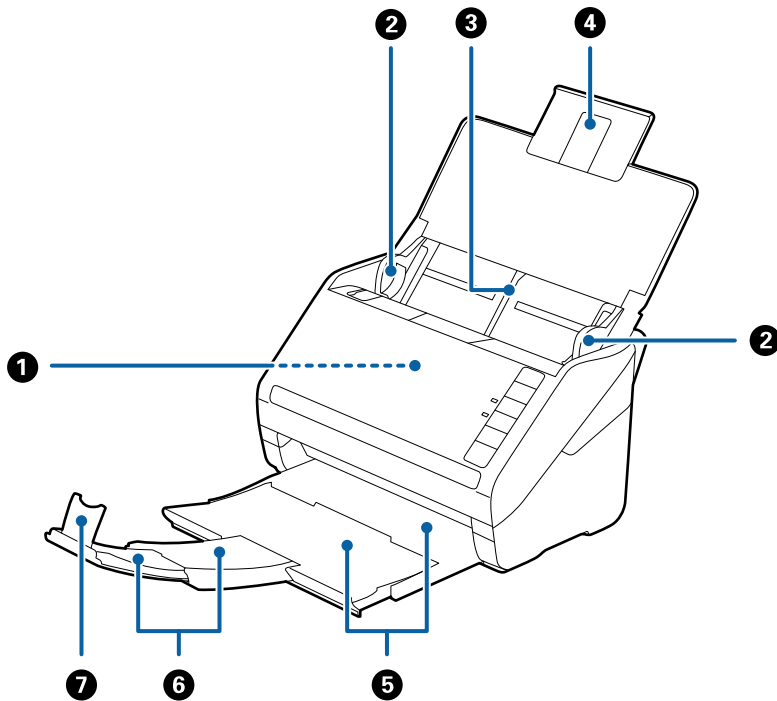
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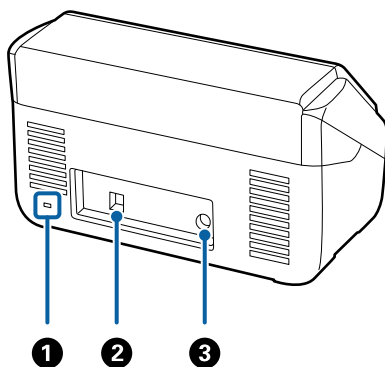
## Part Names and Functions

### Front



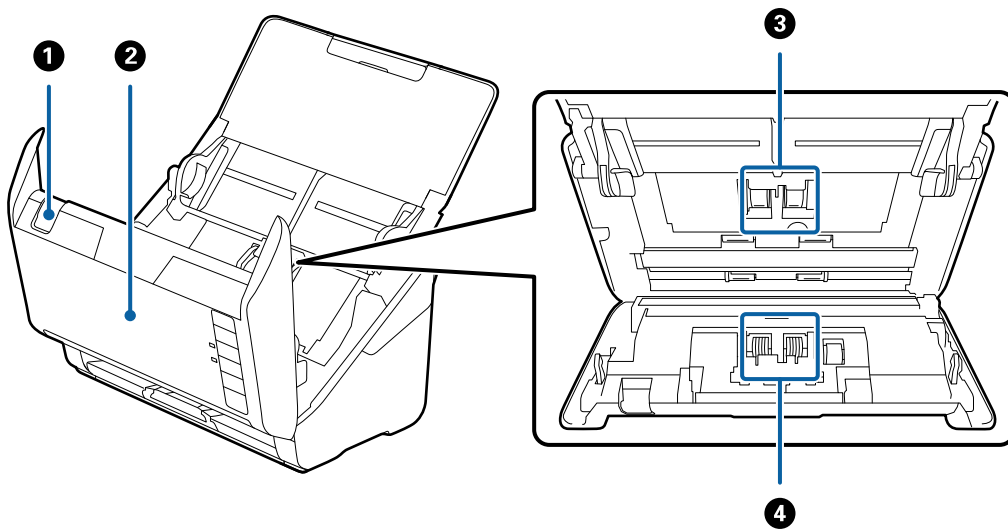
①	ADF (Automatic Document Feeder)	Feeds loaded originals automatically.
②	Edge guides	Feeds originals straight into the scanner. Slide to the edges of the originals.
③	Input tray	Loads originals. Pull out the tray extension if originals are too big for the input tray. This prevents paper from curling and causing paper jams.
④	Input tray extension	
⑤	Output tray	Holds originals ejected from the scanner. Pull out the extension tray to the length of the originals.
⑥	Output tray extension	
⑦	Stopper	Prevents ejected originals from falling off the extension tray. Adjust it to the length of the originals.

### Back



①	Security slot	Inserts a security lock for theft prevention.
②	USB port	Connects a USB cable.
③	DC inlet	Connects the AC adapter.

**Inside**



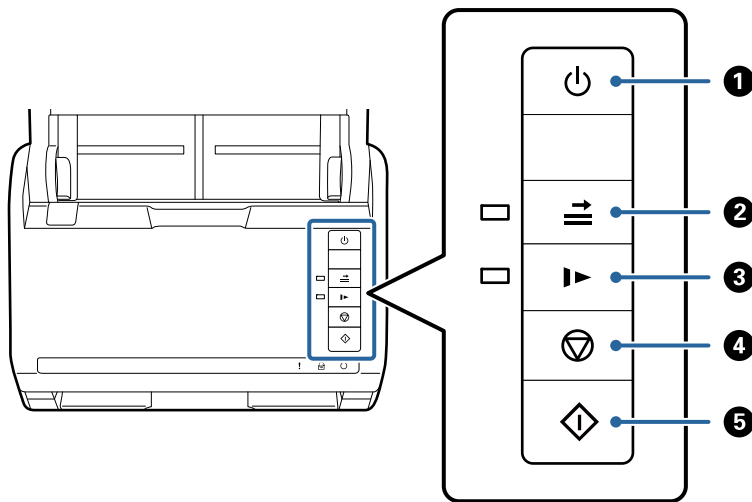
①	Cover open lever	Pull the cover open lever and open the scanner cover.
②	Scanner cover	Pull the cover open lever and open the scanner cover when cleaning inside of the scanner and removing jammed paper.
③	Pickup roller	Feeds originals. This needs to be replaced when the number of scans exceeds the service number of papers.
④	Separation roller	Feeds originals separately one by one. This needs to be replaced when the number of scans exceeds the service number of papers.

**Related Information**

- ➔ [“Cleaning Inside the Scanner” on page 148](#)
- ➔ [“Replacing the Roller Assembly Kit” on page 154](#)

# Buttons and Lights on the Control Panel

## Buttons



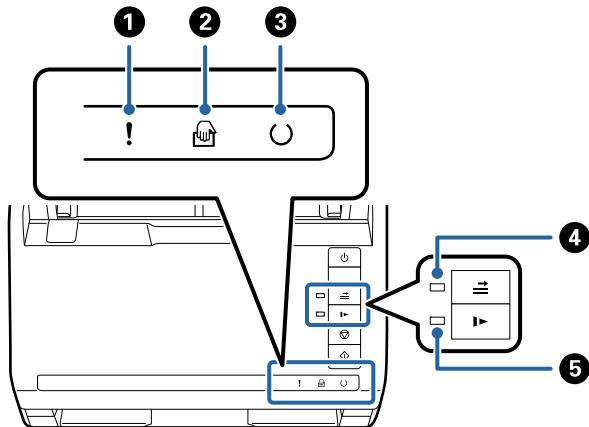
1		Power button	Turns the scanner on or off.
2		Double feed detection skip button	<p>Normally, an error occurs when detecting double feeds when loading envelopes, plastic cards, originals with labels or stickers, and so on. Press the  button before scanning to skip this error once (one sheet). The light is on when this is enabled. Follow the steps below to restart scanning when a double feed error has occurred (the error light flashes).</p> <ol style="list-style-type: none"> <li>1. Open the scanner cover, and then remove the originals.</li> <li>2. Close the scanner cover, and then press the  button.</li> <li>3. Load the originals.</li> <li>4. Restart scanning by pressing the start button or the software button.</li> </ol>
3		Slow mode button	<p>Slow down the feeding speed when scanning. The light is on when this is enabled.</p> <p>Press this button in the following situations:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> when originals jam frequently</li> <li><input type="checkbox"/> when loading thin originals</li> </ul>
4		Stop button	<ul style="list-style-type: none"> <li><input type="checkbox"/> Cancels scanning.</li> <li><input type="checkbox"/> Finishes Automatic Feeding Mode.</li> </ul>
5		Start button	<ul style="list-style-type: none"> <li><input type="checkbox"/> Starts scanning.</li> <li><input type="checkbox"/> Press this when cleaning the inside of the scanner.</li> </ul>

### Related Information

➔ [“Placing Plastic Cards” on page 41](#)

- ➔ [“Placing Laminated Cards” on page 44](#)
- ➔ [“Placing Envelopes” on page 56](#)
- ➔ [“Cleaning Inside the Scanner” on page 148](#)

## Lights



①	!	Error light	An error has occurred. See “Light Error Indicators” for more details.	
②		Automatic Feeding Mode light	The scanner is in Automatic Feeding Mode. Scanning starts when an original is placed in the input tray.	
③	⏻	Ready light	On:	The scanner is ready to be used.
			Flashing:	The scanner is scanning, waiting to scan, processing, or sleeping.
			Off:	The scanner cannot be used because the power is off or an error has occurred.
④		Skip double feed detection light	This is on when skipping double feed detection is enabled.	
⑤		Slow mode light	This is on during slow mode.	

### Related Information

- ➔ [“Error Indicators” on page 22](#)
- ➔ [“Scanning Different Sizes or Types of Originals One by One \(Automatic Feeding Mode\)” on page 90](#)

## Error Indicators

### Scanner errors

Indicators	Situation	Solutions
!Flashing slowly	A paper jam or double feed occurred.	Open the scanner cover, and then remove jammed originals. Close the cover to release the error. Load the originals again.
!On	The scanner cover is opened.	Close the scanner cover.
!Flashing fast ○Flashing fast	A fatal error has occurred.	Turn the power off and on again. If the error continues to occur, contact your local dealer.
!On 🖨️ On ○Off ☰ On ▶ On	The scanner has started in recovery mode because the firmware update failed.	Follow the steps below to try to update the firmware again.  1. Connect the computer and the scanner with a USB cable. (During recovery mode, you cannot update the firmware over a network connection.)  2. Visit your local Epson website for further instructions.

### Related Information

➔ [“Removing Jammed Originals from the Scanner” on page 166](#)

## Information on Applications

This section introduces the application products available for your scanner. The latest application can be installed at the Epson Web site.

### Application for Scanning Documents (Document Capture Pro / Document Capture)

Document Capture Pro\* is an application that allows you to efficiently scan originals such as documents.

You can register a set of operations, such as Scan-Save-Send, as a "job". By registering a series of operations in advance as a job, you can perform all of the operations by simply selecting the job. By assigning a job to the button on scanner's control panel, you can start a job by pressing the button.

See the Document Capture Pro help (Windows) or Document Capture (Mac OS) for details on using the application.

\* The name is for Windows. For Mac OS, the name is Document Capture.

### Starting on Windows

Windows 10

Click the start button, and then select **Epson Software > Document Capture Pro**.

Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

Windows 7

Click the start button, and then select **All Programs > Epson Software > Document Capture Pro**.

### Starting on Mac OS

Select **Go > Applications > Epson Software > Document Capture**.

## Application for Controlling the Scanner (Epson Scan 2)

Epson Scan 2 is a scanner driver that allows you to control the scanner. You can adjust the size, resolution, brightness, contrast, and quality of the scanned image. You can also start this application from a TWAIN-compliant scanning application.

See the Epson Scan 2 help for details on using the application.

### Starting on Windows

Windows 10

Click the start button, and then select **EPSON > Epson Scan 2**.

Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

Windows 7

Click the start button, and then select **All apps > EPSON > Epson Scan 2**.

### Starting on Mac OS

Select **Go > Applications > Epson Software > Epson Scan 2**.

## Application for Updating Software and Firmware (EPSON Software Updater)

EPSON Software Updater is an application that installs new software, and updates firmware and manuals over the Internet. If you want to check for update information regularly, you can set the interval for checking for updates in EPSON Software Updater's auto update settings.

### Starting on Windows

Windows 10

Click the start button, and then select **Epson Software > EPSON Software Updater**.

Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

Windows 7

Click the start button, and then select **All Programs > Epson Software > EPSON Software Updater**.

**Starting on Mac OS**

Select **Go > Applications > Epson Software > EPSON Software Updater**.

## Software for Managing Devices on the Network (Epson Device Admin)

Epson Device Admin is a multifunctional application software that manages the device on the network.

The following functions are available.

- Monitor or manage up to 2,000 printers or scanners over the segment
- Make a detailed report, such as for the consumable or product status
- Update the firmware of the product
- Introduce the device to the network
- Apply the unified settings to multiple devices.

You can download Epson Device Admin from Epson support website. For more information, see the documentation or help of Epson Device Admin.

## Application for Creating Driver Packages (EpsonNet SetupManager)

EpsonNet SetupManager is a software to create a package for a simple scanner installation, such as installing the scanner driver and so on. This software allows the administrator to create unique software packages and distribute them among groups.

For more information, visit your regional Epson website.

<http://www.epson.com>

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# Option Items and Consumables Information

## Carrier Sheet Codes

Using a Carrier Sheet allows you to scan irregular shaped originals or photos that can be easily scratched. You can scan originals larger than A4 size with a carrier sheet by folding it in half.

Part name	Codes*1	Replacement cycle
Carrier Sheet	B12B819051	3,000*2

\*1 You can only use the carrier sheet with the code.

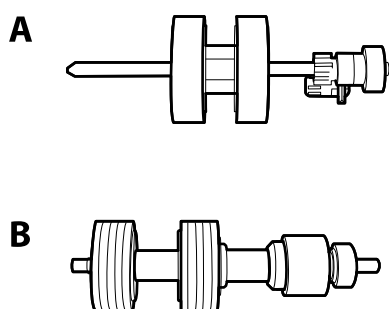
\*2 This number is a guide to the replacement cycle. Do not use a Carrier Sheet that is scratched.

### Related Information

- ➔ [“General Specifications for Originals being Scanned” on page 28](#)
- ➔ [“Placing Large Size Originals” on page 47](#)
- ➔ [“Placing Irregular Shaped Originals” on page 50](#)
- ➔ [“Placing Photographs” on page 53](#)

## Roller Assembly Kit Codes

Parts (the pickup roller and separation roller) should be replaced when the number of scans exceeds the service number. You can check the latest number of scans in the Epson Scan 2 Utility.



A: pickup roller, B: separation roller

Part name	Codes	Life cycle
Roller Assembly Kit	B12B819671 B12B819681 (India only)	200,000*

\* This number was reached by consecutively scanning using Epson test original papers, and is a guide to the replacement cycle. The replacement cycle may vary depending on different paper types, such as paper that generates a lot of paper dust or paper with a rough surface that may shorten the life cycle.

### Related Information

- ➔ [“Replacing the Roller Assembly Kit” on page 154](#)
- ➔ [“Resetting the Number of Scans After Replacing the Rollers” on page 158](#)

## Cleaning Kit Codes

Use this when cleaning inside the scanner. This kit is composed of cleaning liquid and a cleaning cloth.

Part name	Codes
Cleaning Kit	B12B819291

### Related Information

- ➔ [“Cleaning Inside the Scanner” on page 148](#)

## Flatbed Scanner Dock Codes

The dock combines the product (the sheet feed scanner) and a flatbed scanner allowing you to use it as a single scanner. This allows you to scan cardboard, booklets, and so on, that you cannot feed using the ADF.

Part name	Codes
Flatbed Scanner Dock*	B12B819011 B12B819021 (China only)
Flatbed Scanner	Epson Perfection V19/V39

\* Windows only

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# Specifications of Originals and Placing Originals

Specifications of Originals. . . . .	28
Placing Originals. . . . .	33

## Specifications of Originals

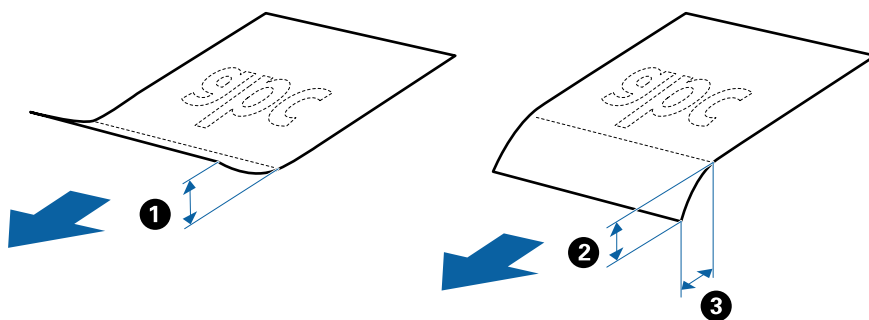
This section explains the specifications and conditions of originals that can be loaded in the ADF.

### General Specifications for Originals being Scanned

Type of Original	Thickness	Size
Plain paper	27 to 413 g/m <sup>2</sup>	Maximum: 215.9×6,096.0 mm (8.5×240.0 in.)
Fine paper	A8 size or less: 127 to 413 g/m <sup>2</sup>	Minimum: 50.8×50.8 mm (2.0×2.0 in.)
Recycled paper	Plastic cards: 1.24 mm (0.05 in.) or less (including emboss)	The loadable size varies depending on the type of the originals and the scanning resolution.
Post card	Laminated Cards: 0.8 mm (0.03 in.) or less	
Business card		
Envelopes		
Plastic cards complying with ISO7810 ID-1 type (with or without emboss)		
Laminated cards		
Thermal paper		

**Note:**

- ❑ All originals must be flat at the leading edge.
- ❑ Make sure that curls on the leading edge of the originals are kept within the following range.
  - ① must be 3 mm or less.
  - ② must be 1 mm or less while ② is equal to or less than ③. When ③ is equal to or more than 10 times the size of ②, ② can be more than 1 mm.



- ❑ Even when the original meets the specifications for originals that can be placed in the ADF, it may not feed from the ADF or the scan quality may decline depending on the paper properties or quality.

### Specifications of Standard Size Originals

The list of the standard size originals you can load on the scanner.

Size	Measurement	Thickness	Paper Type	Loading Capacity *
A4	210×297 mm (8.3×11.7 in.)	27 to 413 g/m <sup>2</sup>	Plain paper Fine paper Recycled paper	Thickness of the originals stack: under 6 mm (0.23 in.) 80 g/m <sup>2</sup> : 50 sheets 90 g/m <sup>2</sup> : 43 sheets 104 g/m <sup>2</sup> : 37 sheets 127 g/m <sup>2</sup> : 31 sheets 157 g/m <sup>2</sup> : 25 sheets 209 g/m <sup>2</sup> : 19 sheets 256 g/m <sup>2</sup> : 15 sheets 413 g/m <sup>2</sup> : 9 sheets The loading capacity varies depending on the paper type.
Letter	215.9×279.4 mm (8.5×11 in.)			
Legal	215.9×355.6 mm (8.5×14 in.)			
B5	182×257 mm (7.2×10.1 in.)			
A5	148×210 mm (5.8×8.3 in.)			
B6	128×182 mm (5.0×7.2 in.)			
A6	105×148 mm (4.1×5.8 in.)			
A8	52×74 mm (2.1×2.9 in.)	127 to 413 g/m <sup>2</sup>		
Business Card	55×89 mm (2.1×3.4 in.)	210 g/m <sup>2</sup>		Thickness of the originals stack: under 6 mm (0.23 in.) 15 sheets

\* You can refill the originals up to the maximum capacity during scanning.

## Specifications of Long Paper

The specification of long paper you can load into the scanner.

Size	Thickness	Paper Type	Loading Capacity
Maximum width: 215.9 mm (8.5 in.) Maximum length: 6,096.0 mm (240.0 in.)*	50 to 130 g/m <sup>2</sup>	Plain paper Fine paper Recycled paper	1 sheet

\* The following shows the maximum lengths according to the scanning resolution.

- 50 to 200 dpi : 6,096.0 mm ( 240.0 in.)
- 201 to 300 dpi : 5,461.0 mm ( 215.0 in.)
- 301 to 600 dpi : 1,346.0 mm ( 53.0 in.)

## Specifications of Plastic Cards

The specification of plastic card you can load into the scanner.

Size	Card Type	Thickness	Loading Capacity	Loading Direction
ISO7810 ID-1 Type 54.0×85.6 mm (2.1×3.3 in.)	With embossing	1.24 mm (0.05 in.) or less	1 card	Horizontal (Landscape)
	Without embossing	0.76 mm (0.03 in.) to 1.1 mm (0.04 in.) *	5 cards	
		Less than 0.76 mm (0.03 in.)	5 cards	

\* You can scan these cards only when the resolution is 300 dpi or less, and disabling **Slow** mode.

## Specifications of Laminated Cards

The specification of laminated cards you can load into the scanner.

Size	Thickness	Loading Capacity
120.0×150.0 mm (4.7×5.9 in.) or less	0.8 mm (0.03 in.) or less	1 card

## Specifications for Originals Using the Carrier Sheet

The optional Carrier Sheet is a sheet designed to transport originals through the scanner. You can scan originals that are larger than A4/Letter size, important documents or photos which must not be damaged, thin paper, irregular shaped originals, and so on.

The following table provides the conditions for using the Carrier Sheet.

Type	Size	Thickness	Loading Capacity of the Carrier Sheet
Originals that cannot be loaded directly into the scanner	A3* <sup>1</sup> A4 B4* <sup>1</sup> Letter Legal* <sup>1</sup> B5 A5 B6 A6 A8 Custom size: <input type="checkbox"/> Width: up to 431.8 mm (17 in.) * <sup>2</sup> <input type="checkbox"/> Length: up to 297 mm (11.7 in.) * <sup>3</sup>	0.3 mm (0.012 in.) or less  (excluding the thickness of the Carrier Sheet)	5 sheets

\*1 Fold in half to set.

\*2 Originals that are wider than 215.9 mm (8.5 in.) need to be folded in half.

\*3 The leading edge of the original must be placed at the binding part of the Carrier Sheet when scanning an original approximately 297 mm (11.7 in.) long. Otherwise, the length of the scanned image may be longer than intended as the scanner scans to the end of the Carrier Sheet when you select **Auto Detect** as the **Document Size** setting in the application.

### Related Information

➔ [“Carrier Sheet Codes” on page 24](#)

## Specifications of Envelopes

The specification of envelopes you can load into the scanner.

Size	Measurement	Thickness	Loading Capacity
C6	114×162 mm (4.49×6.38 in.) (standard size)	0.38 mm (0.015 in.) or less	5 envelopes
DL	110×220 mm (4.33×8.66 in.) (standard size)		


## Types of Originals that Require Attention

The following types of originals may not be successfully scanned.

Originals with an uneven surface such as letter head paper

- Originals with wrinkles or fold lines
- Perforated originals
- Original with labels or stickers
- Carbon-less paper
- Curled originals
- Coated paper

**Note:**

- Because carbon-less paper contains chemical substances that may harm the rollers, if paper jams occur frequently, clean the pickup roller and the separation roller.
- Wrinkled originals may scan better if you slow down the feeding speed during scanning or smooth out the wrinkles before loading.
- To scan delicate originals or originals that are easily wrinkled, use the Carrier Sheet (sold separately).
- To scan originals that are incorrectly detected as double feeds, press the  (Double Feed Detection Skip) button before scanning or select **Off** in **Detect Double Feed** on the **Main Settings** tab in Epson Scan 2 window.  
*When you are using Document Capture Pro, you can open the Epson Scan 2 window by pressing the **Detailed Settings** button on the **Scan Settings** screen.*
- Labels or stickers must be firmly stuck to the originals with no glue protruding.
- Try to flatten the curled originals before scanning.

**Related Information**

- ➔ [“Scanner Basics” on page 17](#)
- ➔ [“Maintenance” on page 147](#)

## Types of Originals that Must Not be Scanned

The following types of originals must not be scanned.

- Photos
- Booklets
- Bank books
- Passports
- Non-paper original (such as clear files, fabric, and metal foil)
- Originals with staples or paper clips
- Originals with glue attached
- Ripped originals
- Heavily wrinkled or curled originals
- Transparent originals such as OHP film
- Originals with carbon paper on the back
- Originals with wet ink
- Originals with sticky notes attached

**Note:**

- ❑ Do not feed photos, valuable original artwork, or important documents which you do not want to damage or deface into the scanner directly. Misfeeding may wrinkle or damage the original. When scanning such originals, make sure you use the Carrier Sheet (sold separately).
- ❑ Rippled, wrinkled, or curled originals can also be scanned if you use the Carrier Sheet (sold separately).

**Related Information**

➔ [“Photographs” on page 52](#)

# Placing Originals

## Standard Size Originals

### Specifications of Standard Size Originals

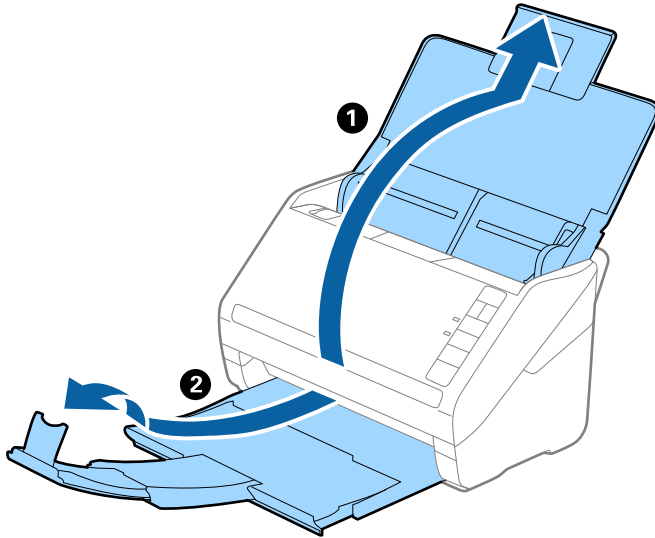
The list of the standard size originals you can load on the scanner.

Size	Measurement	Thickness	Paper Type	Loading Capacity *
A4	210×297 mm (8.3×11.7 in.)	27 to 413 g/m <sup>2</sup>	Plain paper Fine paper Recycled paper	Thickness of the originals stack: under 6 mm (0.23 in.) 80 g/m <sup>2</sup> : 50 sheets 90 g/m <sup>2</sup> : 43 sheets 104 g/m <sup>2</sup> : 37 sheets 127 g/m <sup>2</sup> : 31 sheets 157 g/m <sup>2</sup> : 25 sheets 209 g/m <sup>2</sup> : 19 sheets 256 g/m <sup>2</sup> : 15 sheets 413 g/m <sup>2</sup> : 9 sheets  The loading capacity varies depending on the paper type.
Letter	215.9×279.4 mm (8.5×11 in.)			
Legal	215.9×355.6 mm (8.5×14 in.)			
B5	182×257 mm (7.2×10.1 in.)			
A5	148×210 mm (5.8×8.3 in.)			
B6	128×182 mm (5.0×7.2 in.)			
A6	105×148 mm (4.1×5.8 in.)			
A8	52×74 mm (2.1×2.9 in.)	127 to 413 g/m <sup>2</sup>		
Business Card	55×89 mm (2.1×3.4 in.)	210 g/m <sup>2</sup>		Thickness of the originals stack: under 6 mm (0.23 in.)  15 sheets

\* You can refill the originals up to the maximum capacity during scanning.

## Placing Standard Size Originals

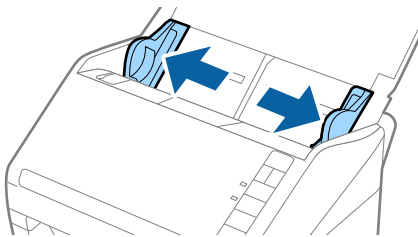
1. Open the input tray and extend the input tray extension. Slide out the output tray, extend the output tray extension, and then raise the stopper.



**Note:**

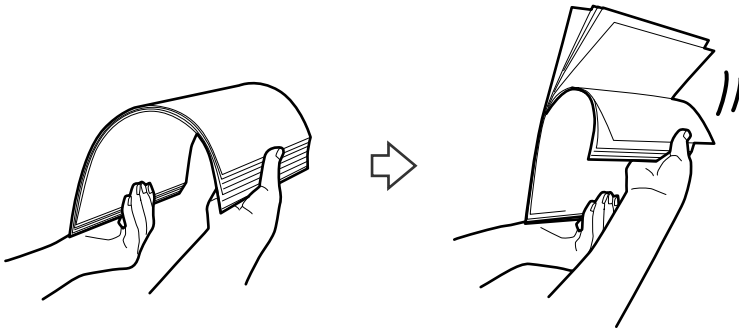
- ❑ For A4 size or larger originals, make sure you pull out and extend the input tray extension.
- ❑ Make sure you pull out and extend the output tray extensions so that they are a little bit longer than the length of the original, and raise the stopper so that the ejected originals can be stacked comfortably on the output tray.
- ❑ The stopper can move forward and backward on the output tray extension so that you can easily adjust the stopper position to the best position for the originals being scanned.
- ❑ If thick originals bump into the output tray and fall from it, store the output tray and do not use it to stack the ejected originals.
- ❑ If scanned images are still affected by ejected originals hitting the surface below the scanner, we recommend placing the scanner on the edge of a table where the ejected originals can drop freely and you can catch them.

2. Slide the edge guides on the input tray all the way out.

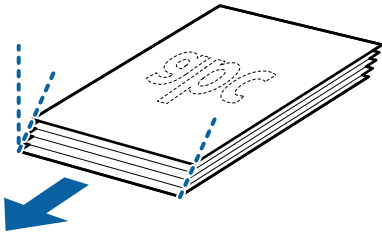


3. Fan the originals.

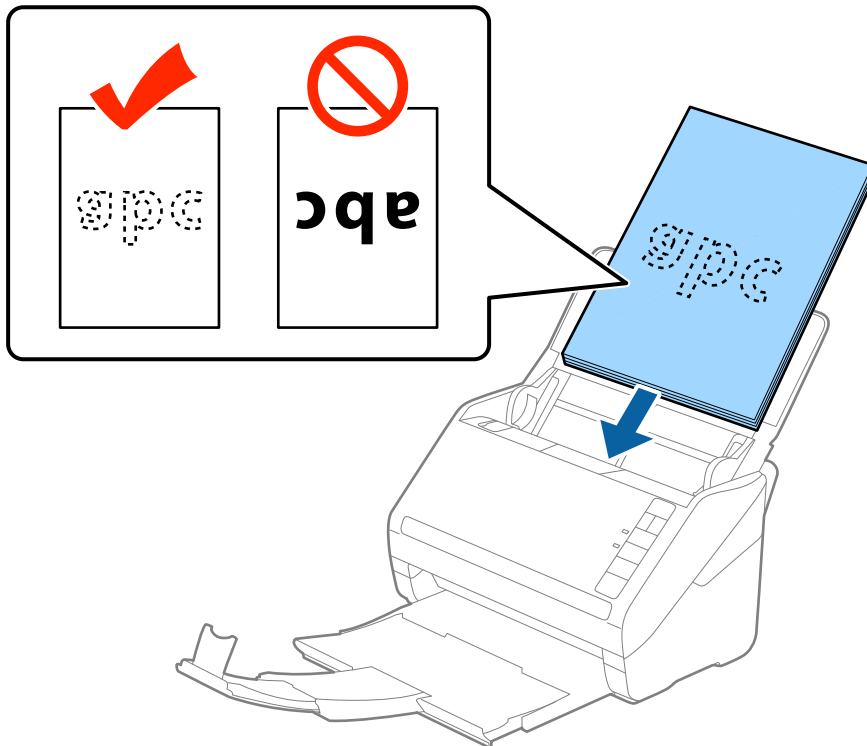
Hold both ends of the originals and fan them a few times.



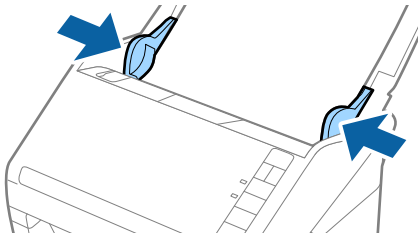
4. Align the edges of the originals with the printed side facing down and slide the leading edge into a wedge shape.



5. Load the originals into the input tray facing down with the top edge facing into the ADF. Slide the originals into the ADF until they meet resistance.

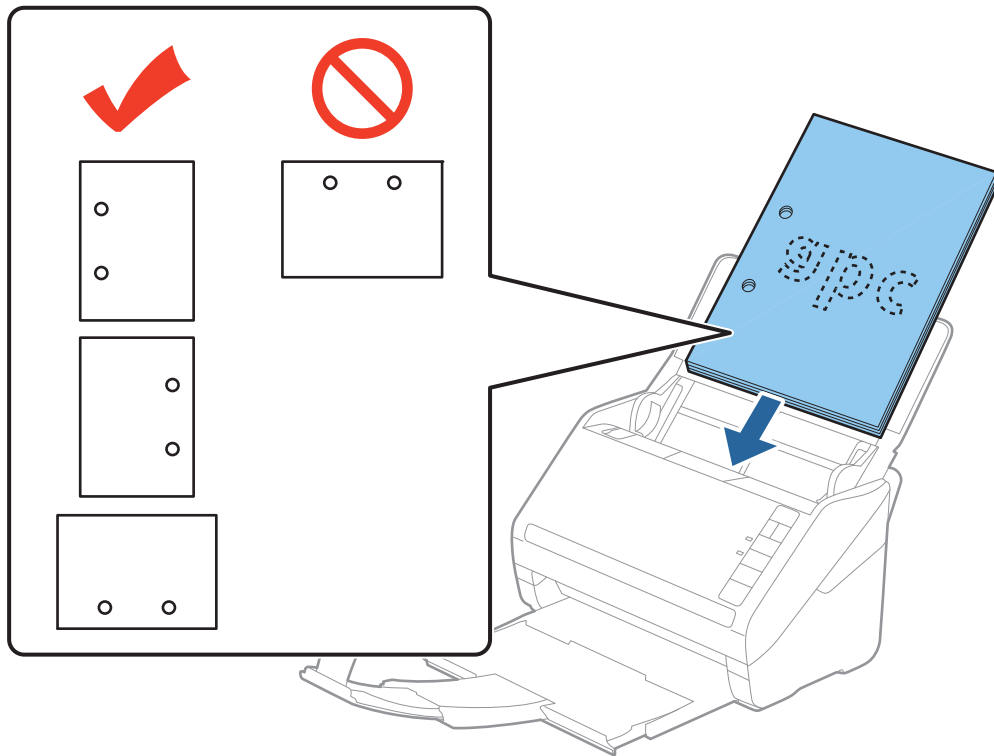




6. Slide the edge guides to fit the edge of the originals making sure there are no gaps between the originals and the edge guides. Otherwise, the originals may be fed skewed.

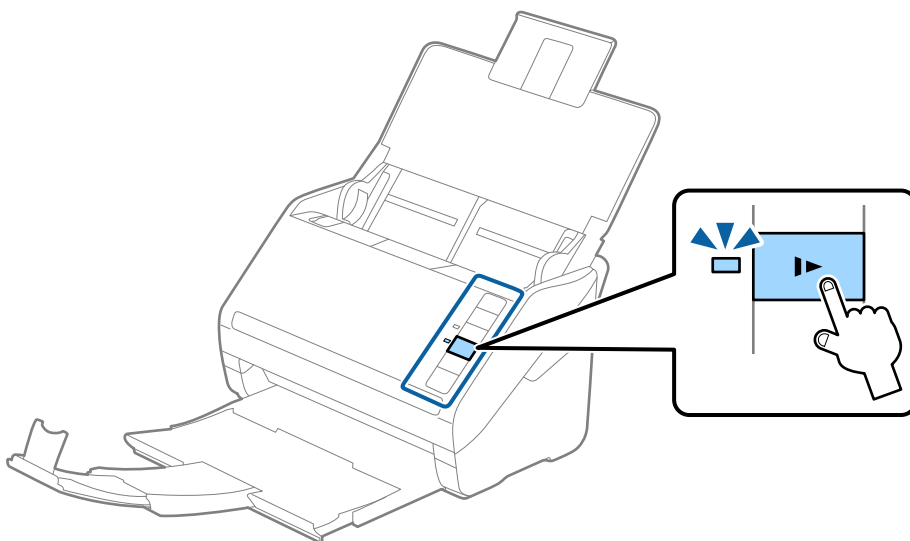


**Note:**

- ❑ When scanning originals with punch holes such as loose leaf paper, load the originals with the holes facing the side or facing down. There must not be any holes within a 30 mm (1.2 inches) strip at the center of the originals. However, there can be holes within 30 mm (1.2 inches) from the leading edge of the originals. Make sure that the edges of the punch holes do not have burrs or curls.



- ❑ When scanning thin paper with crinkles that are causing paper jams or double feeds, you may be able to improve the situation by pressing the  (Slow Mode) button to slow down the feeding speed. Pressing the  (Slow Mode) button once slows down the paper feeding speed; press it again to return to normal speed.



## Long Paper

### Specifications of Long Paper

The specification of long paper you can load into the scanner.

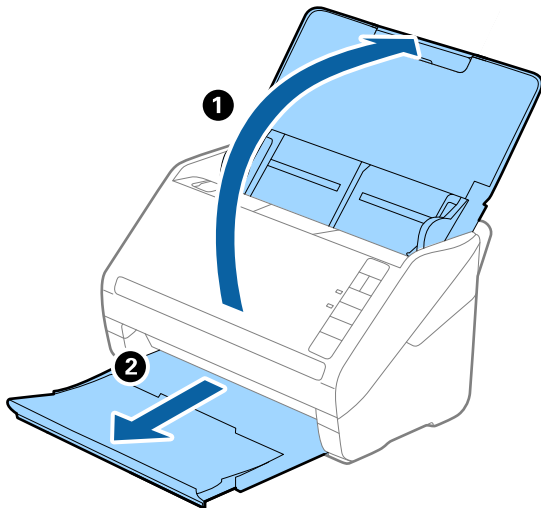
Size	Thickness	Paper Type	Loading Capacity
Maximum width: 215.9 mm (8.5 in.) Maximum length: 6,096.0 mm (240.0 in.)*	50 to 130 g/m <sup>2</sup>	Plain paper Fine paper Recycled paper	1 sheet

\* The following shows the maximum lengths according to the scanning resolution.

- 50 to 200 dpi : 6,096.0 mm ( 240.0 in.)
- 201 to 300 dpi : 5,461.0 mm ( 215.0 in.)
- 301 to 600 dpi : 1,346.0 mm ( 53.0 in.)

### Placing Long Paper

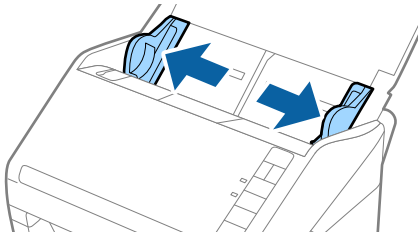
1. Open the input tray, and then slide out the output tray.



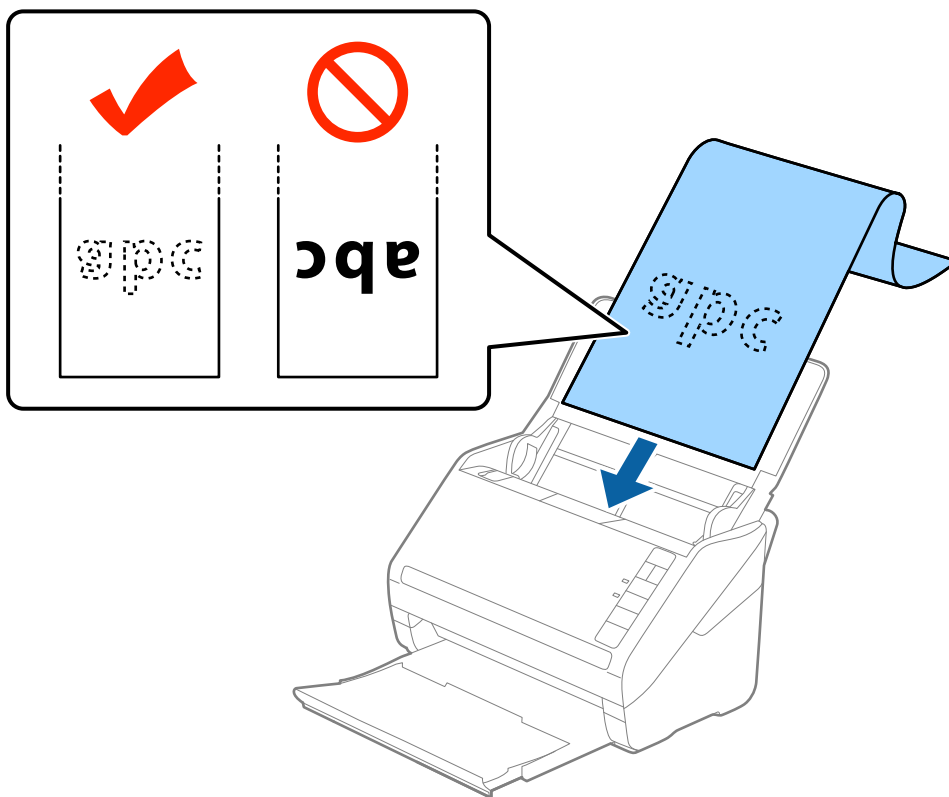
**Note:**

*Do not extend the input tray extension and output tray extensions and do not raise the stopper.*

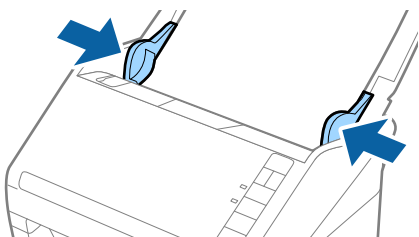
- Slide the edge guides on the input tray all the way out.



- Load the original straight into the input tray, facing down with the top edge facing into the ADF. Slide the original into the ADF until it meets resistance.



- Adjust the edge guides to fit the edge of the long paper making sure there are no gaps between the edge of the paper and the edge guides. Otherwise, the originals may be fed skewed.



**Note:**

- ❑ The following shows the maximum lengths according to the scanning resolution.
  - 50 to 200 dpi: 6,096.0 mm ( 240.0 in.)
  - 201 to 300 dpi: 5,461.0 mm ( 215.0 in.)
  - 301 to 600 dpi: 1,346.0 mm ( 53.0 in.)

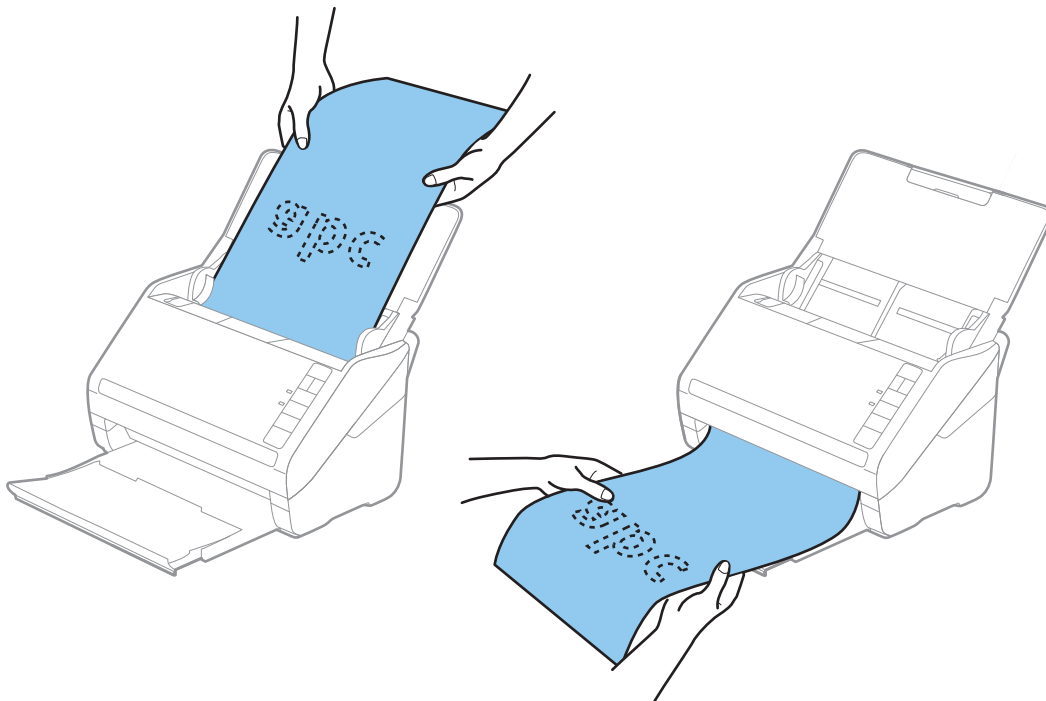
- ❑ You need to specify the paper size in the Epson Scan 2 window.

When you are using Document Capture Pro, you can open the Epson Scan 2 window by pressing the **Detailed Settings** button on the **Scan Settings** screen.

There are three ways to specify the paper size in Epson Scan 2, if the paper length is 3,048 mm (120 inches) or less, you can select **Auto Detect (Long Paper)** to detect the size automatically.

If the paper length is more than 3,048 mm (120 inches), you need to select **Customize** and enter the size of the paper. If the paper length is 5,461 mm (215 inches) or less, you can use **Detect paper length** instead of entering the paper height. If the paper is longer than 5,461 mm (215 inches), you need to enter both width and height size of the paper.

- ❑ To guarantee scanning quality, the scanning speed for long paper is slowed down automatically.
- ❑ Support the long paper at the input side so that it does not drop out of the ADF, and the output side so that the ejected paper does not fall from the output tray.



**Related Information**

➔ [“Required Settings for Special Originals in Epson Scan 2 Window” on page 79](#)

## Plastic Cards

### Specifications of Plastic Cards

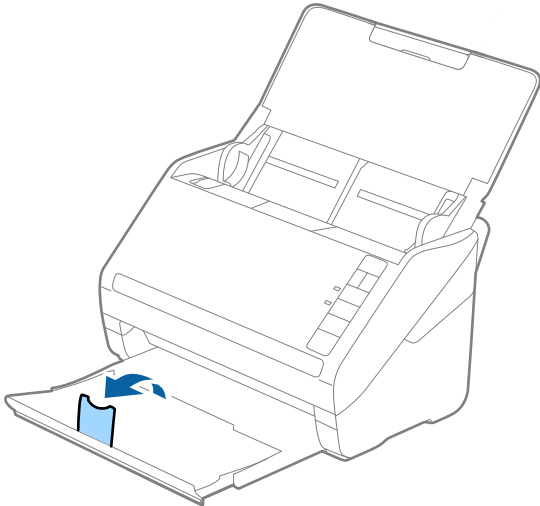
The specification of plastic card you can load into the scanner.

Size	Card Type	Thickness	Loading Capacity	Loading Direction
ISO7810 ID-1 Type 54.0×85.6 mm (2.1×3.3 in.)	With embossing	1.24 mm (0.05 in.) or less	1 card	Horizontal (Landscape)
	Without embossing	0.76 mm (0.03 in.) to 1.1 mm (0.04 in.) *	5 cards	
		Less than 0.76 mm (0.03 in.)	5 cards	

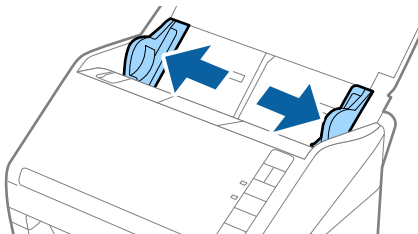
\* You can scan these cards only when the resolution is 300 dpi or less, and disabling **Slow** mode.

## Placing Plastic Cards

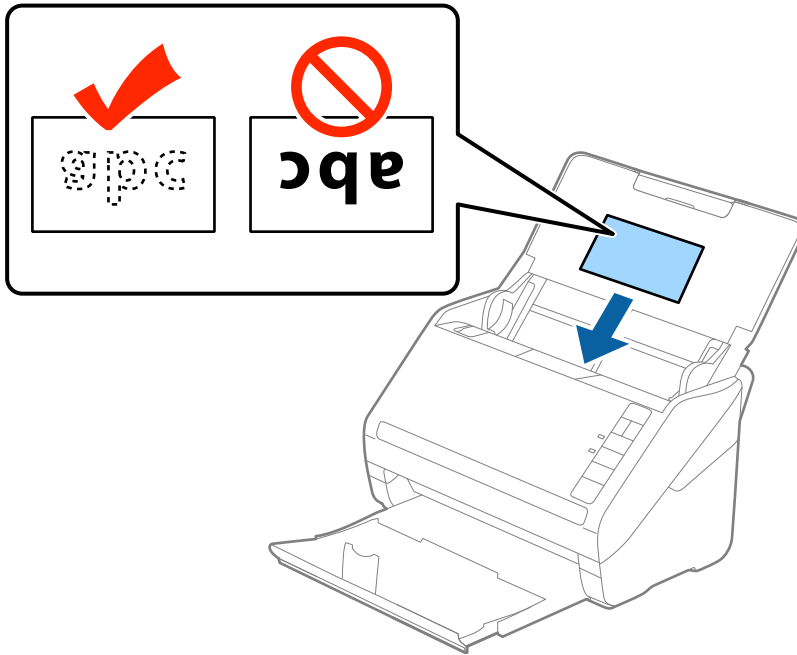
1. Open the input tray, and then slide out the output tray and raise the stopper.



2. Slide the edge guides on the input tray all the way out.

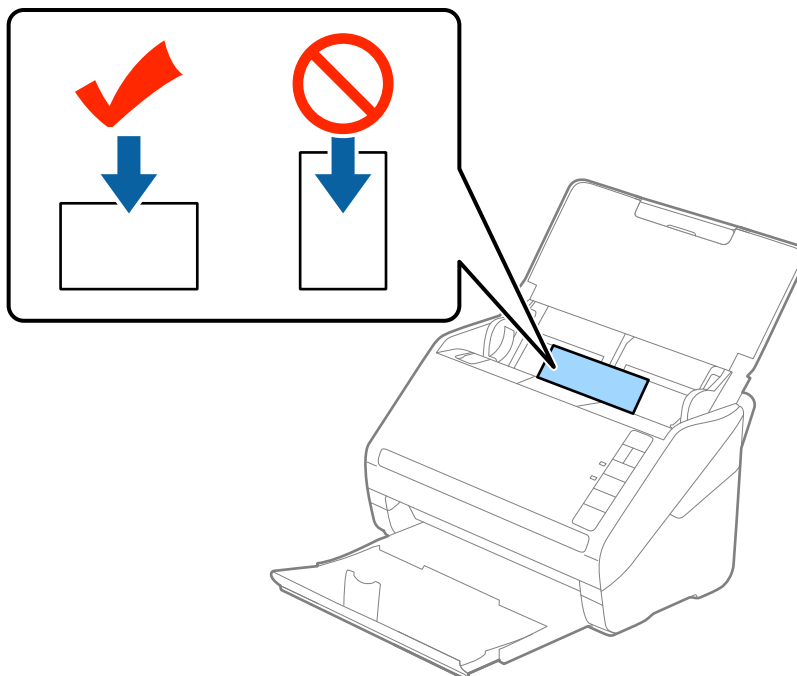


3. Load the plastic cards into the input tray facing down with the top edge facing into the ADF. Slide the plastic cards into the ADF until they meet resistance.

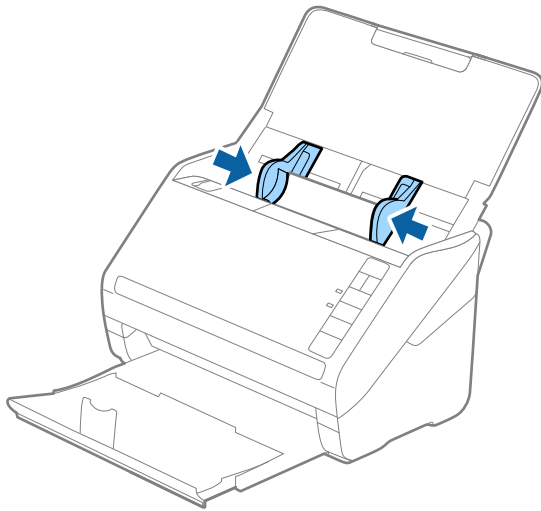


**!** *Important:*

*Do not load plastic cards vertically.*



- Slide the edge guides to fit the edge of the plastic cards.





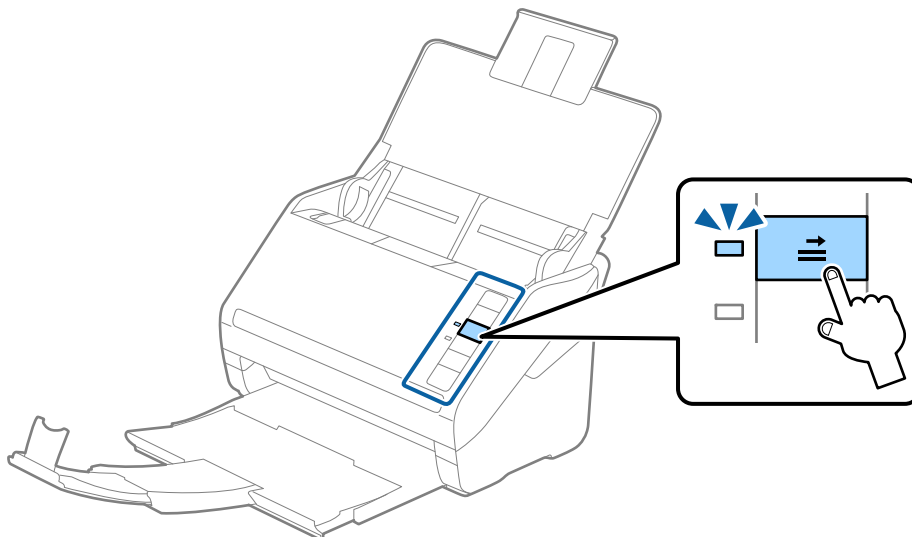
**Note:**

To scan plastic cards, set the appropriate setting in the Epson Scan 2 window.

When you are using Document Capture Pro, you can open the Epson Scan 2 window by pressing the **Detailed Settings** button on the **Scan Settings** screen.

Select **Plastic Card** in **Document Size** or select **Off** in **Detect Double Feed** on the **Main Settings** tab in Epson Scan 2. See the Epson Scan 2 help for details.

If you forget to disable **Detect Double Feed** in Epson Scan 2 and a double feed error occurs, remove the card from the ADF and then reload it, press the  (Double Feed Detection Skip) button on the scanner as shown below to disable **Detect Double Feed** for the next scan, and then scan again. The  (Double Feed Detection Skip) button only disables **Detect Double Feed** for one sheet.



**Related Information**

➔ [“Required Settings for Special Originals in Epson Scan 2 Window” on page 79](#)

## Laminated Cards

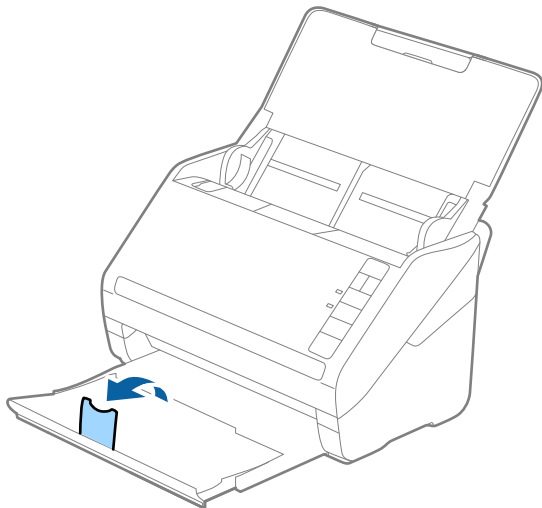
### Specifications of Laminated Cards

The specification of laminated cards you can load into the scanner.

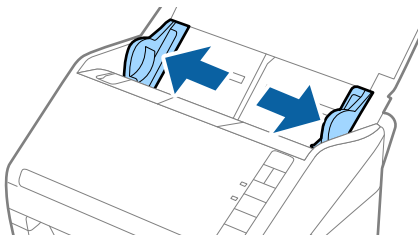
Size	Thickness	Loading Capacity
120.0×150.0 mm (4.7×5.9 in.) or less	0.8 mm (0.03 in.) or less	1 card

### Placing Laminated Cards

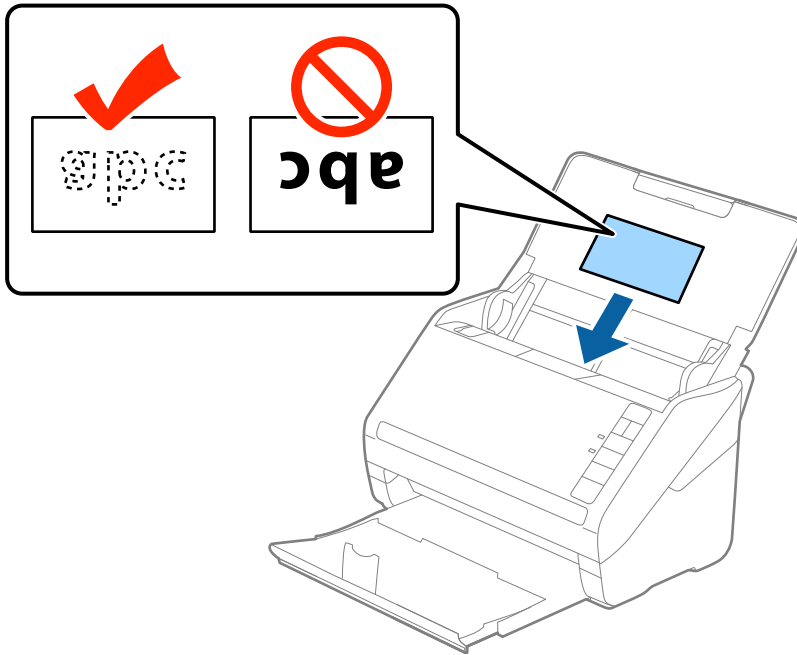
1. Open the input tray, and then slide out the output tray and raise the stopper.



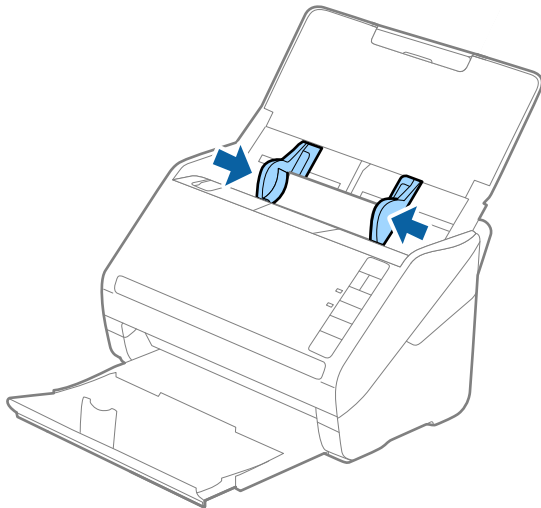
2. Slide the edge guides on the input tray all the way out.



3. Load the laminated cards into the input tray facing down with the top edge facing into the ADF. Slide the laminated cards into the ADF until they meet resistance.





4. Slide the edge guides to fit the edge of the laminated cards.

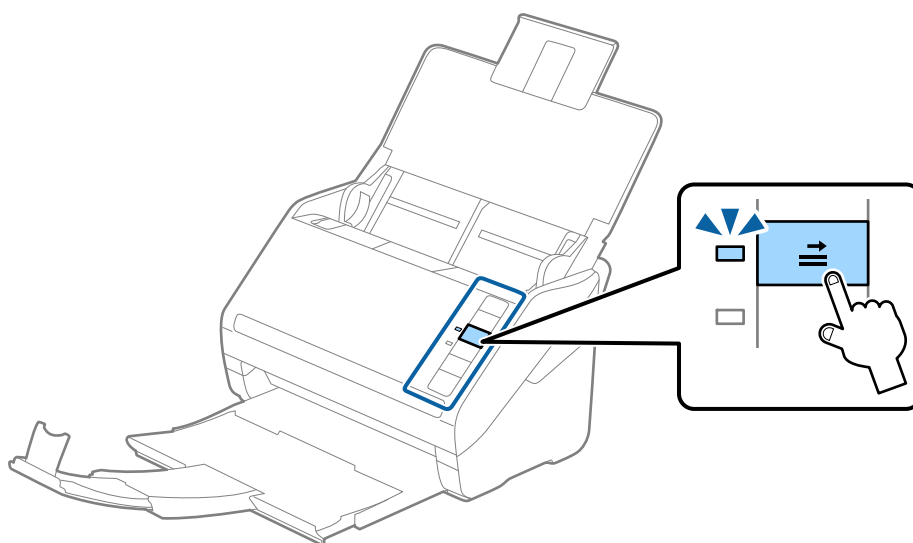


**Note:**

To scan laminated cards, set the appropriate setting in the Epson Scan 2 window.

When you are using Document Capture Pro, you can open the Epson Scan 2 window by pressing the **Detailed Settings** button on the **Scan Settings** screen.

- ❑ Select **Scan laminated card** on the **Settings** window on the **Main Settings** tab in Epson Scan 2 to increase the accuracy of auto size detection. See the Epson Scan 2 help for details.
- ❑ Select **Off** in **Detect Double Feed** on the **Main Settings** tab in Epson Scan 2. See the Epson Scan 2 help for details.  
If you forget to disable **Detect Double Feed** in Epson Scan 2 and a double feed error occurs, remove the card from the ADF and then reload it, press the  (Double Feed Detection Skip) button on the scanner as shown below to disable **Detect Double Feed** for the next scan, and then scan again. The  (Double Feed Detection Skip) button only disables **Detect Double Feed** for one sheet.



**Related Information**

➔ [“Required Settings for Special Originals in Epson Scan 2 Window” on page 79](#)

## Large Size Originals

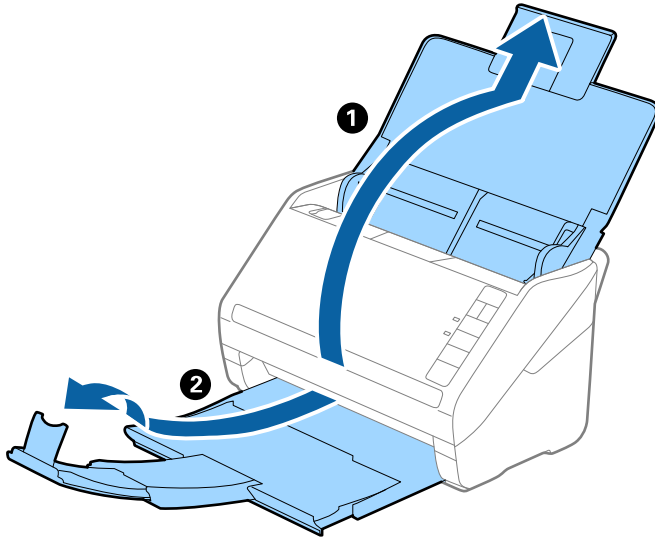
### Specifications of Large Size Originals

By using the Carrier Sheet sold separately and folding the originals in half, you can scan originals larger than A4 size, such as A3 or B4 sizes.

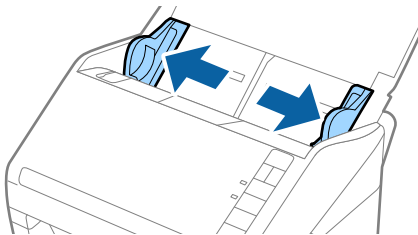
Size	Thickness	Paper Type	Loading Capacity of the Carrier Sheet
Up to A3	0.3 mm (0.012 in.) or less (excluding the thickness of the Carrier Sheet)	Plain paper Fine paper Recycled paper	5 carrier sheets

## Placing Large Size Originals

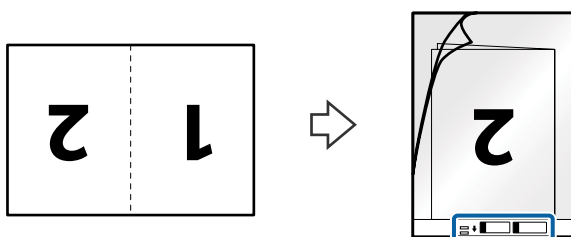
1. Open the input tray and extend the input tray extension. Slide out the output tray, extend the output tray extension, and then raise the stopper.



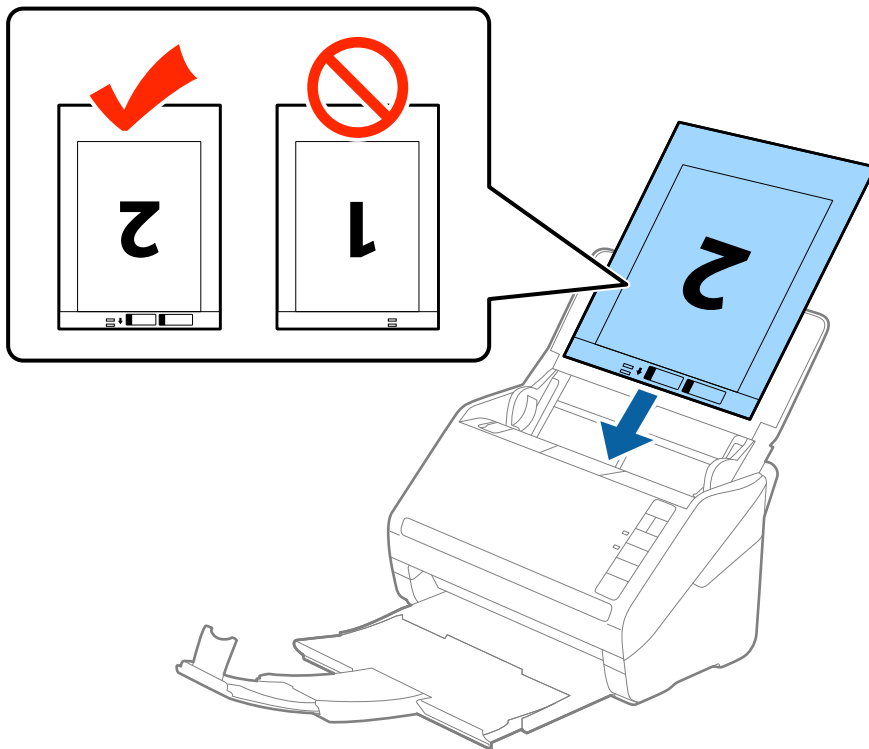
2. Slide the edge guides on the input tray all the way out.



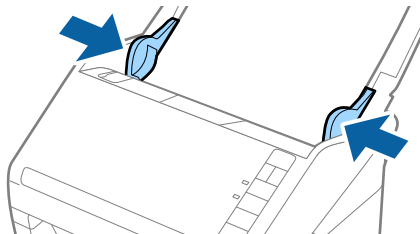
3. Place the Carrier Sheet with the illustration on the front edge facing up and place the original in the carrier sheet by folding it in half so that the side to be scanned is facing out, with the right side at the front.



4. Load the Carrier Sheet into the input tray with the top edge facing into the ADF.  
Slide the Carrier Sheet into the ADF until it meets resistance.

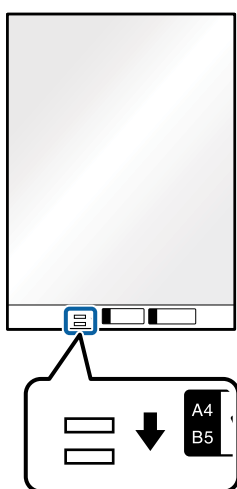


5. Slide the edge guides to fit the edge of the Carrier Sheet making sure there are no gaps between the Carrier Sheet and the edge guides. Otherwise, the carrier sheet may be fed skewed.



**Note:**

- ❑ You may need to stop using a Carrier Sheet that is scratched or has been scanned more than 3,000 times.
- ❑ To scan both sizes and stitch them together, select **Double-Sided** from **Scanning Side** and select **Left & Right** from **Stitch Images** in Epson Scan 2. See the Epson Scan 2 help for details.
- ❑ When scanning a Carrier Sheet by selecting **Auto Detect** as the **Document Size** setting, the image is automatically scanned by applying **Paper Skew** in the **Correct Document Skew** setting.
- ❑ The leading edge of the original must be placed at the binding part of the Carrier Sheet when scanning an original approximately 297 mm long. Otherwise, the length of the scanned image may be longer than intended as the scanner scans to the end of the Carrier Sheet when you select **Auto Detect** as the **Document Size** setting in Epson Scan 2.
- ❑ Only use the Carrier Sheet designed for your scanner. The Carrier Sheet is automatically recognized by the scanner by detecting two small rectangular holes on the front edge. Keep the holes clean and not covered.



**Related Information**

- ➔ [“Carrier Sheet Codes” on page 24](#)
- ➔ [“Required Settings for Special Originals in Epson Scan 2 Window” on page 79](#)

## Irregular Shaped Originals

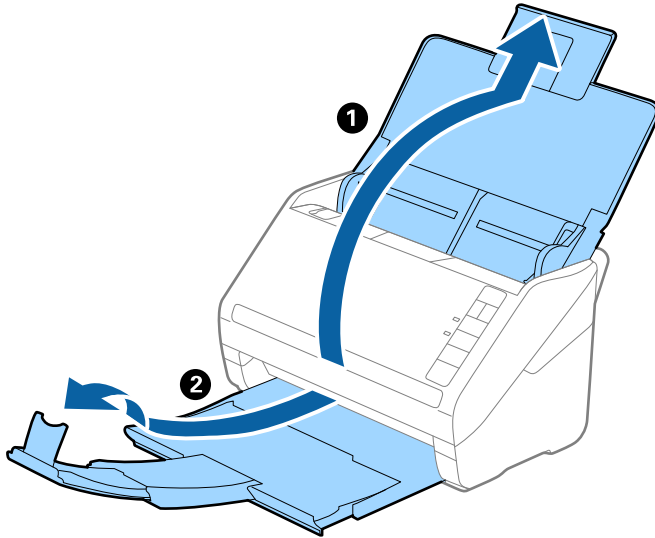
### Specifications of Irregular Shaped Originals

By using the Carrier Sheet sold separately, you can scan originals that are wrinkled, curled, very thin, or irregularly shaped.

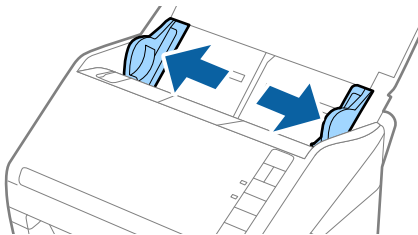
Size	Thickness	Loading Capacity of the Carrier Sheet
Up to A4	0.3 mm (0.012 in.) or less (excluding the thickness of the Carrier Sheet)	5 sheets

## Placing Irregular Shaped Originals

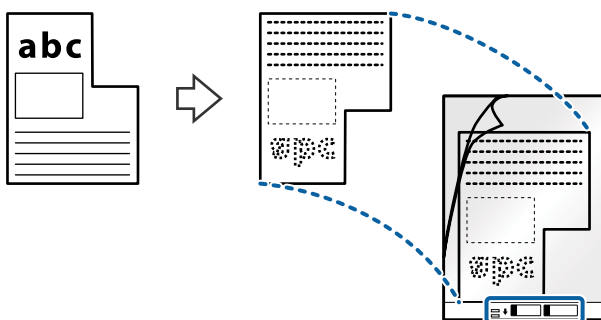
1. Open the input tray and extend the input tray extension. Slide out the output tray, extend the output tray extension, and then raise the stopper.



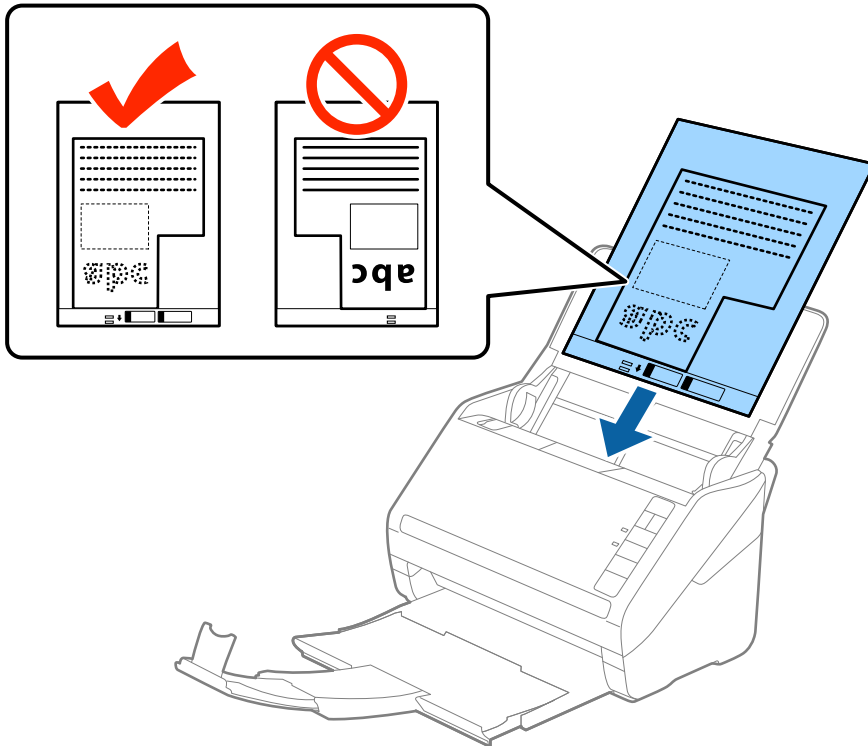
2. Slide the edge guides on the input tray all the way out.



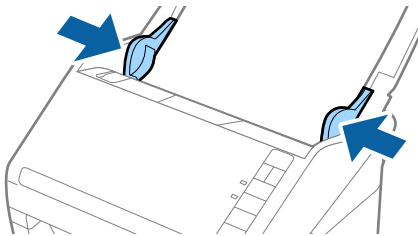
3. Place the Carrier Sheet with the illustration on the front edge facing up and place the original in the center of the Carrier Sheet with the side to be scanned facing down.



4. Load the Carrier Sheet into the input tray with the top edge facing into the ADF.  
Slide the Carrier Sheet into the ADF until it meets resistance.

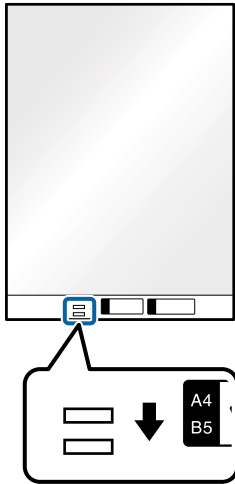


5. Slide the edge guides to fit the edge of the Carrier Sheet making sure there are no gaps between the Carrier Sheet and the edge guides. Otherwise, the carrier sheet may be fed skewed.



**Note:**

- ❑ You may need to stop using a Carrier Sheet that is scratched or has been scanned more than 3,000 times.
- ❑ If you cannot find an appropriate size for the original you want to scan in the **Document Size** list in Epson Scan 2, select **Auto Detect** or select **Customize** to create a custom document size.  
When scanning a Carrier Sheet by selecting **Auto Detect** as the **Document Size** setting, the image is automatically scanned by applying **Paper Skew** in the **Correct Document Skew** setting.
- ❑ Only use the Carrier Sheet designed for your scanner. The Carrier Sheet is automatically recognized by the scanner by detecting two small rectangular holes on the front edge. Keep the holes clean and not covered.



**Related Information**

- ➔ [“Carrier Sheet Codes” on page 24](#)
- ➔ [“Required Settings for Special Originals in Epson Scan 2 Window” on page 79](#)

## Photographs

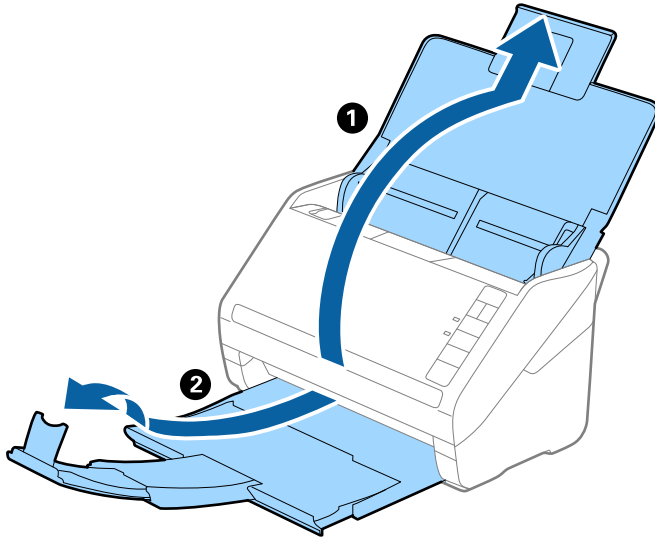
### Specifications of Photographs

By using the Carrier Sheet sold separately, you can scan photographs without worrying about them being damaged.

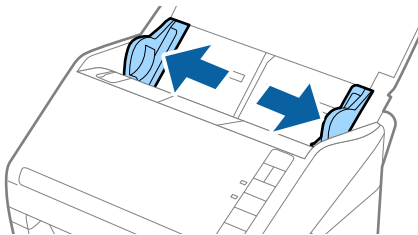
Size	Thickness	Loading Capacity of the Carrier Sheet
Up to A4	0.3 mm (0.012 in.) or less (excluding the thickness of the Carrier Sheet)	5 sheets

## Placing Photographs

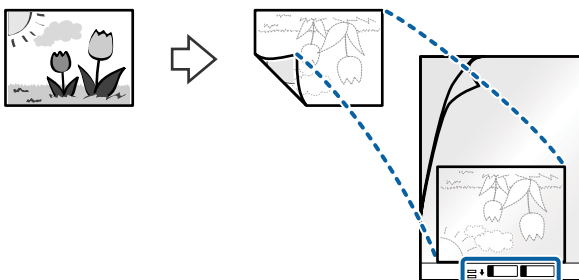
1. Open the input tray and extend the input tray extension. Slide out the output tray, extend the output tray extension, and then raise the stopper.



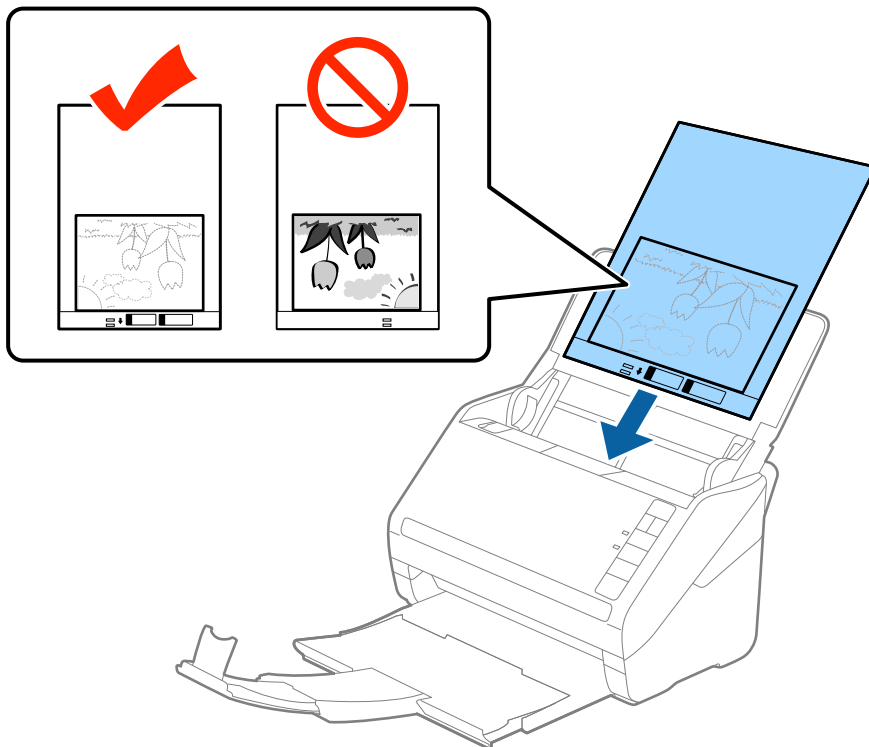
2. Slide the edge guides on the input tray all the way out.



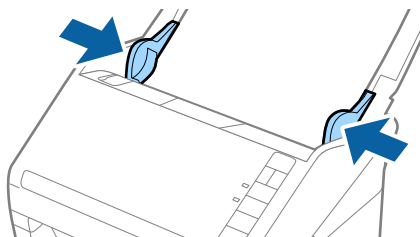
3. Place the Carrier Sheet with the illustration on the front edge facing up and place the photo in the center of the Carrier Sheet with the side to be scanned facing down.



4. Load the Carrier Sheet into the input tray with the top edge facing into the ADF.  
Slide the Carrier Sheet into the ADF until it meets resistance.

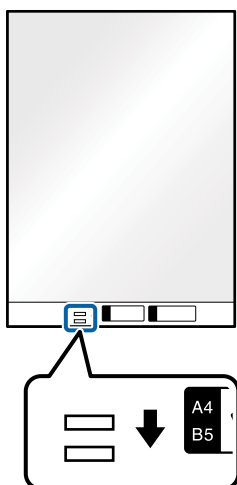


5. Slide the edge guides to fit the edge of the Carrier Sheet making sure there are no gaps between the Carrier Sheet and the edge guides. Otherwise, the carrier sheet may be fed skewed.



**Note:**

- ❑ You may need to stop using a Carrier Sheet that is scratched or has been scanned more than 3,000 times.
- ❑ If you cannot find an appropriate size for the original you want to scan in the **Document Size** list in Epson Scan 2, select **Auto Detect** or select **Customize** to create a custom document size.  
When scanning a Carrier Sheet by selecting **Auto Detect** as the **Document Size** setting, the image is automatically scanned by applying **Paper Skew** in the **Correct Document Skew** setting.
- ❑ Do not leave photos inside the Carrier Sheet for a long time.
- ❑ Only use the Carrier Sheet designed for your scanner. The Carrier Sheet is automatically recognized by the scanner by detecting two small rectangular holes on the front edge. Keep the holes clean and not covered.



**Related Information**

- ➔ [“Carrier Sheet Codes” on page 24](#)
- ➔ [“Required Settings for Special Originals in Epson Scan 2 Window” on page 79](#)

## Envelopes

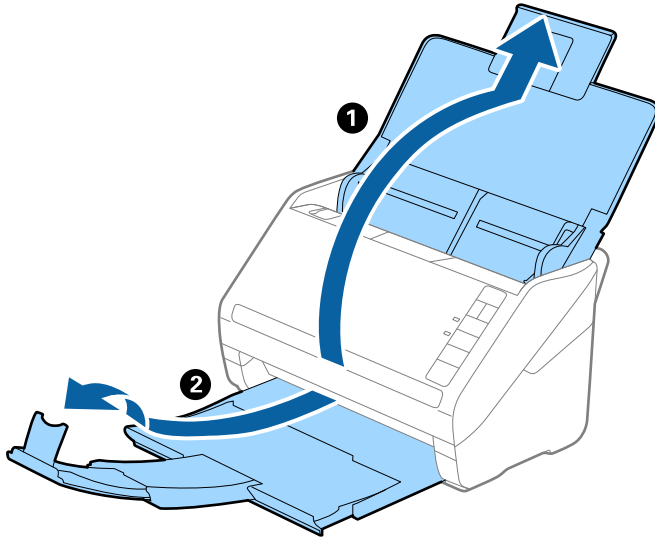
### Specifications of Envelopes

The specification of envelopes you can load into the scanner.

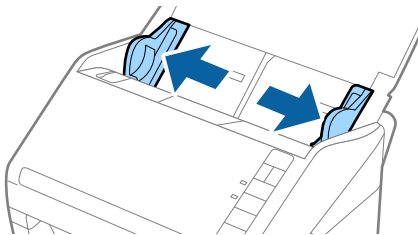
Size	Measurement	Thickness	Loading Capacity
C6	114×162 mm (4.49×6.38 in.) (standard size)	0.38 mm (0.015 in.) or less	5 envelopes
DL	110×220 mm (4.33×8.66 in.) (standard size)		

## Placing Envelopes

1. Open the input tray and extend the input tray extension. Slide out the output tray, extend the output tray extension, and then raise the stopper.

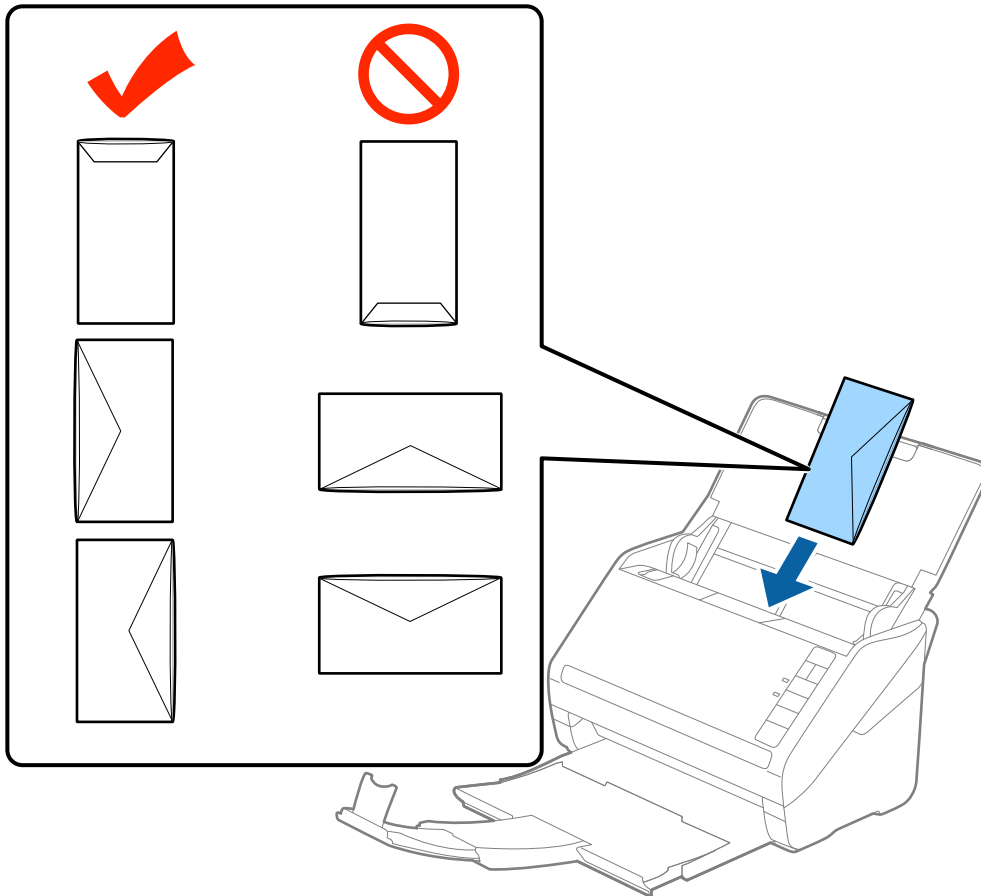


2. Slide the edge guides on the input tray all the way out.



3. Load the envelopes into the input tray facing down making sure that the opened edge (flap side) of the envelope is facing to the side. For envelopes with the opened edge (flap side) on the shorter side, you can load the envelope with the opened edge (flap side) facing up.

Slide the envelopes into the ADF until they meet resistance.



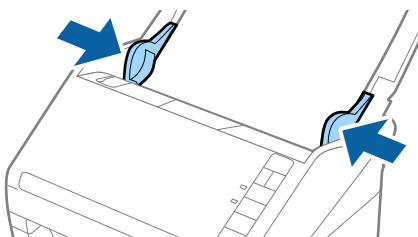
**!** **Important:**

*Do not load envelopes with adhesives on them.*

**Note:**

- Envelopes that are not opened by cutting sharply at the flap edge may not be scanned correctly.*
- Envelopes that have not yet been sealed can be loaded with the flap open and facing up.*

4. Slide the edge guides to fit the edge of the envelopes making sure there are no gaps between the envelopes and the edge guides. Otherwise, the envelopes may be fed skewed.





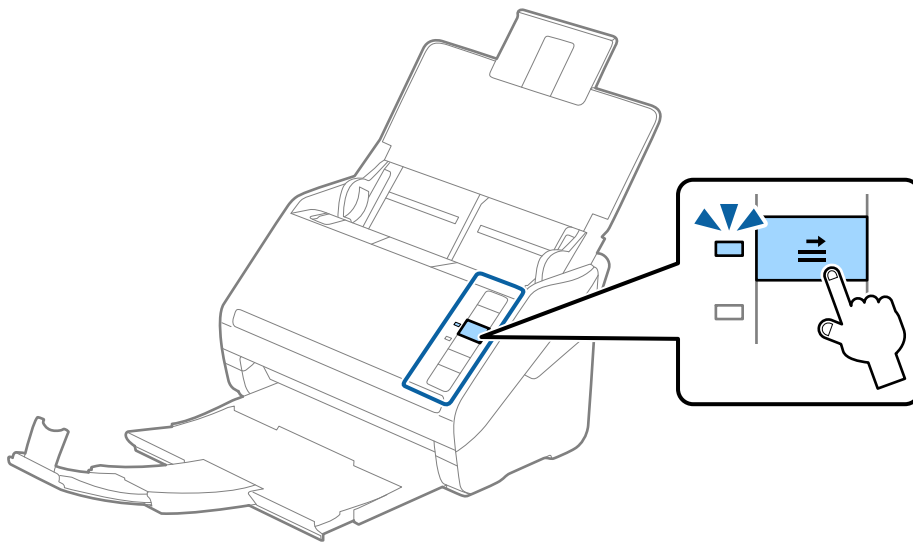
**Note:**

- ❑ To scan envelopes, we recommend selecting the appropriate rotation angle or **Auto** in **Rotate** on the **Main Settings** tab in the Epson Scan 2 window before scanning. See the Epson Scan 2 help for details.
- ❑ To scan envelopes, set the appropriate setting in the Epson Scan 2 window.

When you are using Document Capture Pro, you can open the Epson Scan 2 window by pressing the **Detailed Settings** button on the **Scan Settings** screen.

Select **Off** in **Detect Double Feed** on the **Main Settings** tab. See the Epson Scan 2 help for details.

If you forget to disable **Detect Double Feed** in Epson Scan 2 and a double feed error occurs, remove the envelope from the ADF and then reload it, press the  (Double Feed Detection Skip) button on the scanner as shown below to disable **Detect Double Feed** for the next scan, and then scan again. The  (Double Feed Detection Skip) button only disables **Detect Double Feed** for one sheet.



**Related Information**

➔ [“Required Settings for Special Originals in Epson Scan 2 Window” on page 79](#)

## Mixture of Originals

### Specifications of Originals that are a Mixture of Different Sizes

You can load a mixture of originals from 50.8×50.8 mm (2.0×2.0 in.) to A4 (or Letter) size. You can also load a mixture of paper types or thickness.

 **Important:**

- ❑ When placing and scanning originals that are a mixture of different sizes, originals may be fed askew because not all of the originals are supported by edge guides.
- ❑ Originals may be jammed or fed askew if you set different types or very different sizes of originals, such as in the following cases.

- Thin paper and Thick paper
- A4 size paper and card size paper

If originals are fed askew, check whether or not the scanned image is available.

**Note:**

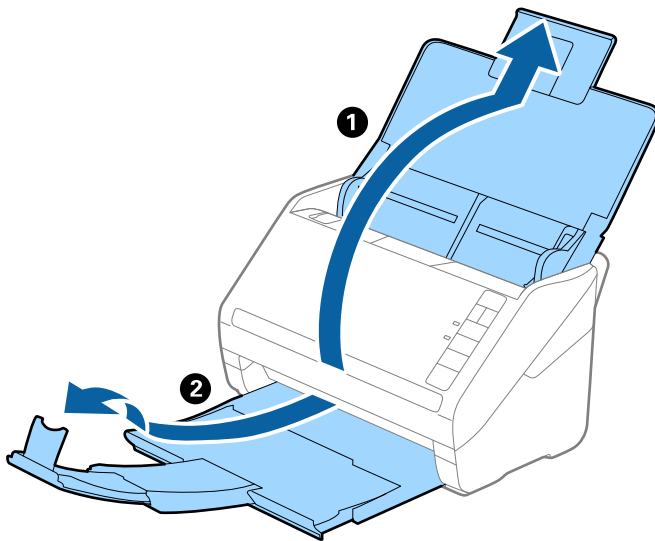
- ❑ If originals are jammed or are not fed correctly, enabling **Slow mode** may improve feeding.
- ❑ Alternatively, you can scan originals of different paper sizes and types by loading them one by one using **Automatic Feeding Mode**.

## Placing a Mixture of Originals at Different Sizes

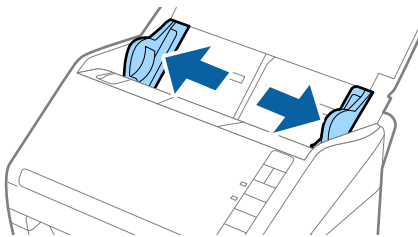
1. Open the input tray and extend the input tray extension. Slide out the output tray, extend the output tray extension, and then raise the stopper.

**Note:**

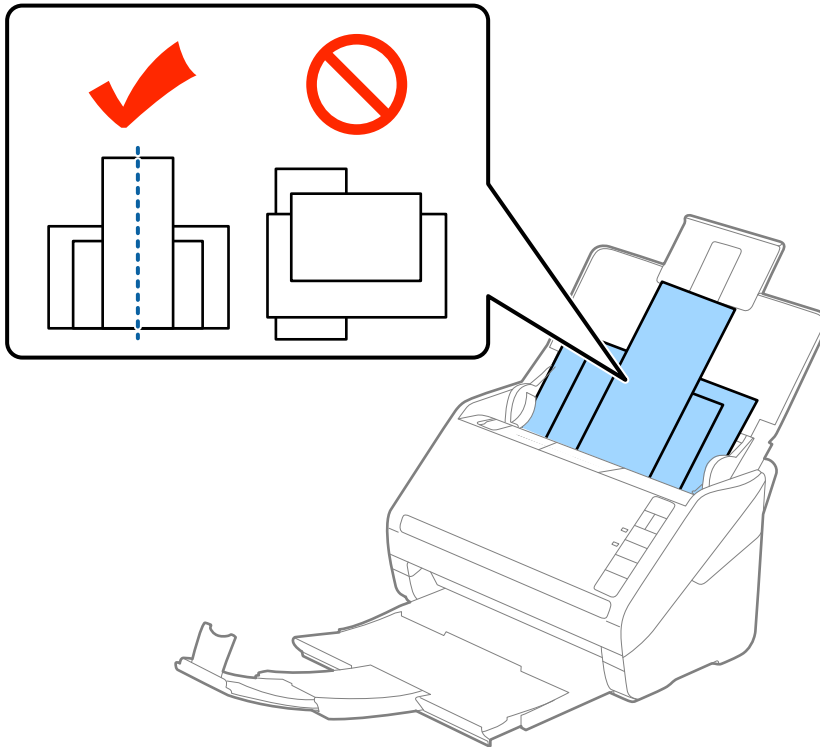
If there are any thick originals amongst the originals, to stop the thick originals from bumping into the output tray and falling out, store the output tray and do not use it to stack the ejected originals.



2. Slide the edge guides on the input tray all the way out.



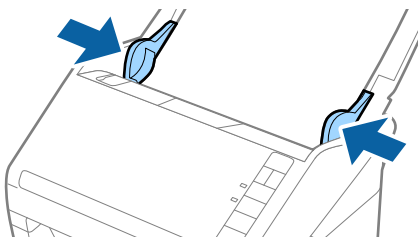
3. Load the originals at the center of the input tray in descending order of paper size with the widest at the back and the narrowest at the front.



**Note:**

- ❑ Load the originals into the input tray facing down and slightly displace the top edges at an angle facing into the ADF.
- ❑ Slide the originals into the ADF until they meet resistance.
- ❑ You can stack the originals up to 8 mm (0.31 in.).

4. Slide the edge guides to fit the edges of the widest original.



**Related Information**

➔ [“Scanning Different Sizes or Types of Originals One by One \(Automatic Feeding Mode\)”](#) on page 90

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# Basic Scanning


Scanning Using a Scanner Button. . . . .	.62
Scanning from a Computer. . . . .	62

## Scanning Using a Scanner Button

You can scan using the button on your scanner.

**Note:**

- Make sure that Epson Scan 2 is installed on your computer and the scanner is connected to your computer correctly.
- When Document Capture Pro (Windows) or Document Capture (Mac OS) is installed on your computer, you can assign the job to a button on the scanner and run the job by pressing it.

1. Place the original.
2. Press the  button.

**Note:**

See the Document Capture Pro (Windows) or Document Capture (Mac OS) help for details on button assignments.

### Related Information

- ➔ “Buttons” on page 20
- ➔ “Application for Scanning Documents (Document Capture Pro / Document Capture)” on page 22
- ➔ “Placing Originals” on page 33
- ➔ “Setting a Job” on page 82
- ➔ “Assigning a Job to the Scanner Button (Windows)” on page 89

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## Scanning from a Computer

### Scanning Using Document Capture Pro (Windows)

Document Capture Pro allows you to easily and efficiently digitize originals and forms to suit your needs.

The following functions are available with Document Capture Pro.

- You can manage and perform a set of operations, such as scanning and saving, as a "job".
- You can configure a "job" to save scanned images in various formats (PDF/BMP/JPEG/JPEG2000/TIFF/Multi-TIFF/PNG/DOCX/XLSX/PPTX).
- You can sort jobs automatically by inserting dividing paper between the originals or by using barcode information on the originals.
- You can output scanning information or items necessary for the scanned content as index data.
- You can set multiple destinations.
- You can scan using simple operations without having to create a job.

By using these functions, you can digitize paper documents more efficiently, such as scanning a large number of documents or using them over a network.

**Note:**

- For detailed information on how to use Document Capture Pro, refer to the following URL:  
<https://support.epson.net/dcp/>
- Document Capture Pro does not support Windows Server.

## Related Information

- ➔ “Application for Scanning Documents (Document Capture Pro / Document Capture)” on page 22
- ➔ “Placing Originals” on page 33
- ➔ “Setting a Resolution That Suits the Scanning Purpose” on page 79

## What is a Job Scan?

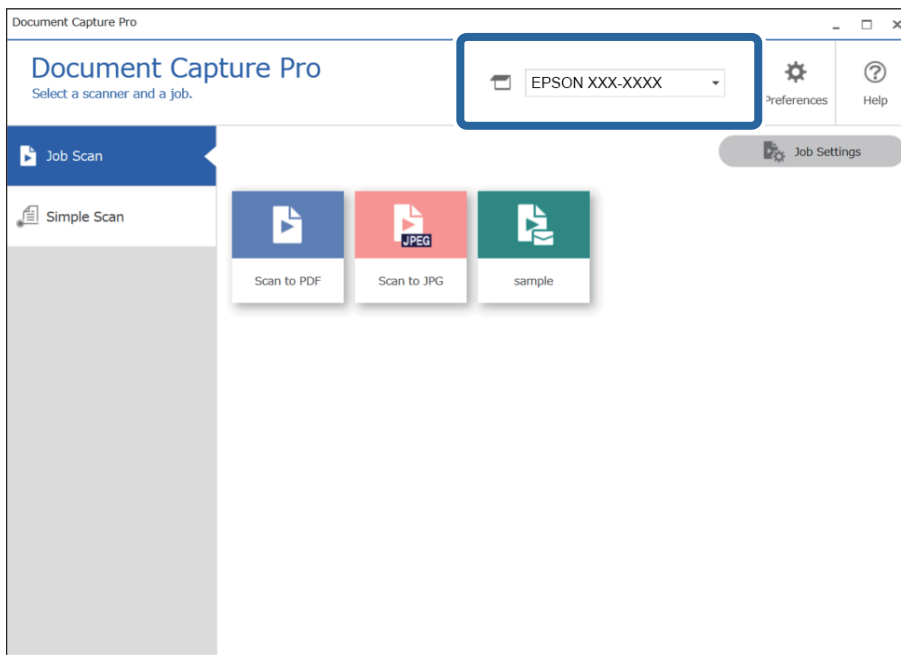
By registering a series of frequently used operations as a job, you can execute these operations by simply selecting the job.

By assigning a job to the scanner's button, you can also execute the job from the control panel.

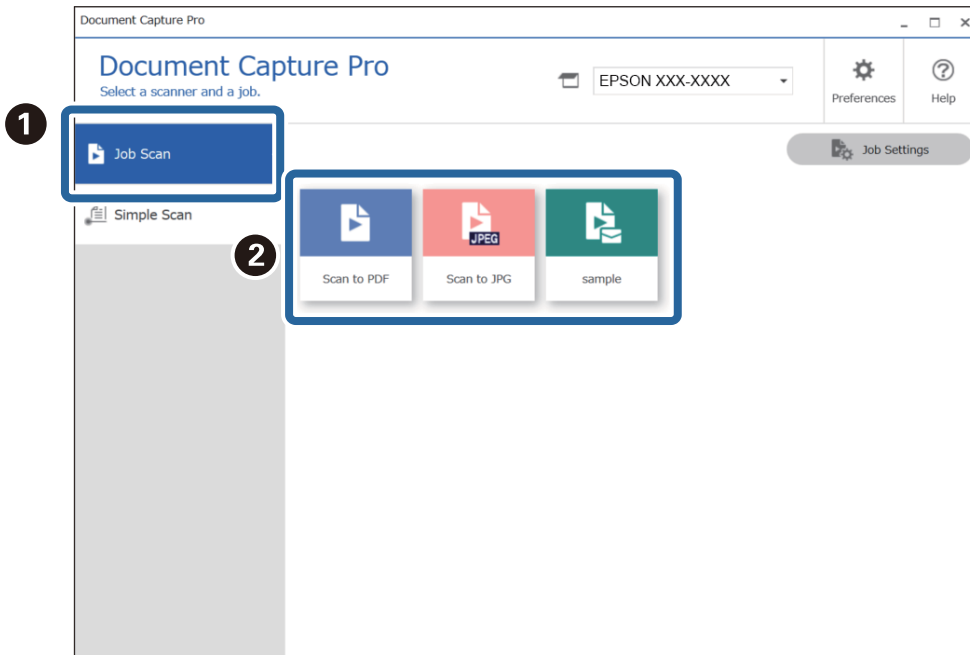
## Performing a Job Scan

This section explains the workflow of scanning using an existing job.

1. Select the scanner you want to use from the Document Capture Pro top screen. When you start the software it automatically connects to the last scanner you used.



2. Click the **Job Scan** tab, and then click the icon of the job you want to perform.

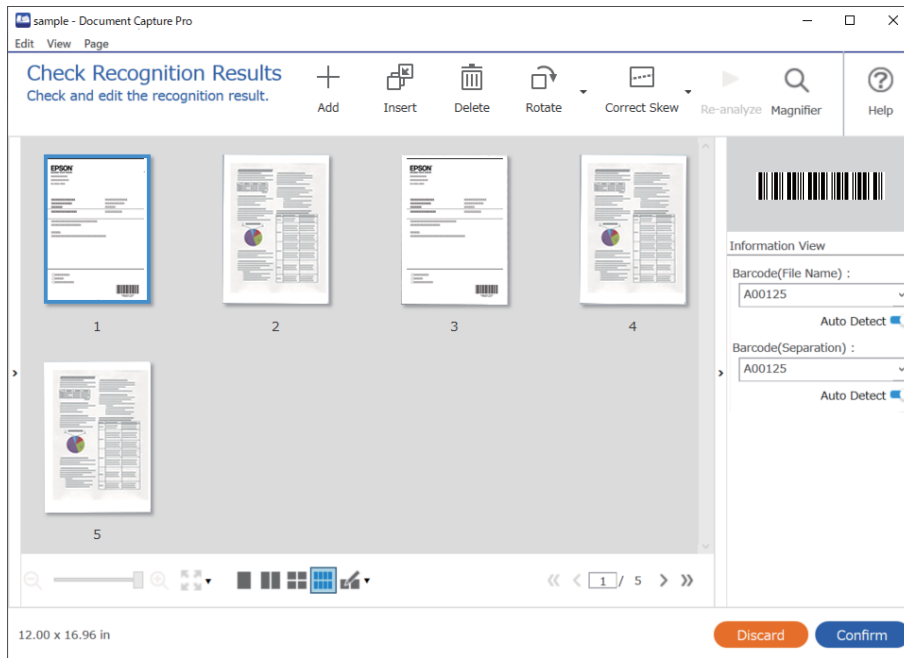


The selected job is performed.

When you perform a job for which **Show the preview while scanning** has been selected in the Scan Settings, a preview screen is displayed while scanning.

3. If you execute a job that contains the following elements in the File Name Settings or Separation Settings from Save Settings, and the elements are detected in the scanned page, the detection area is displayed on the image as a marquee. Correct the recognition results manually if necessary, or change the area and run the recognition again.
  - OCR
  - Barcode

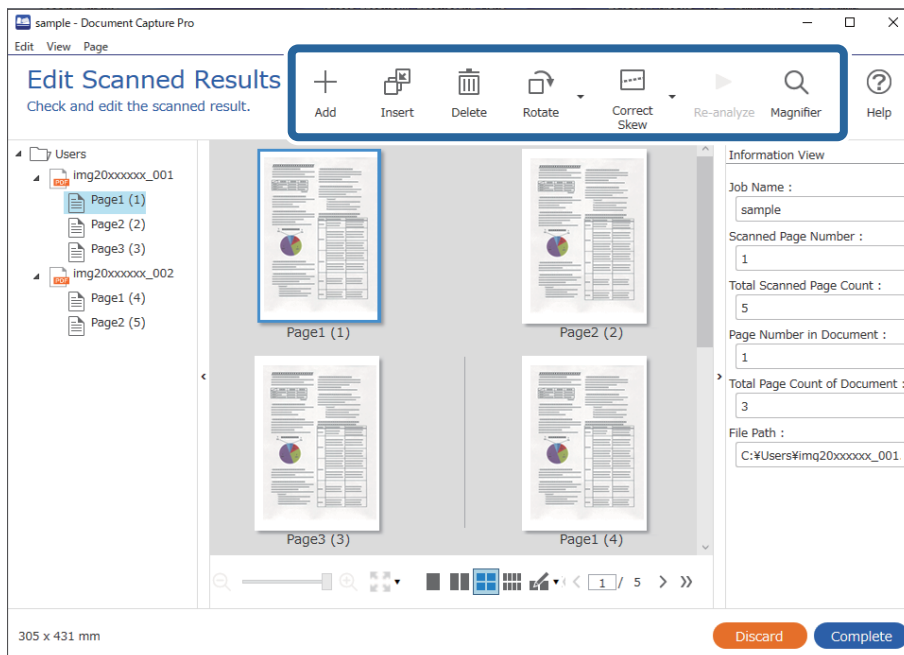
Form



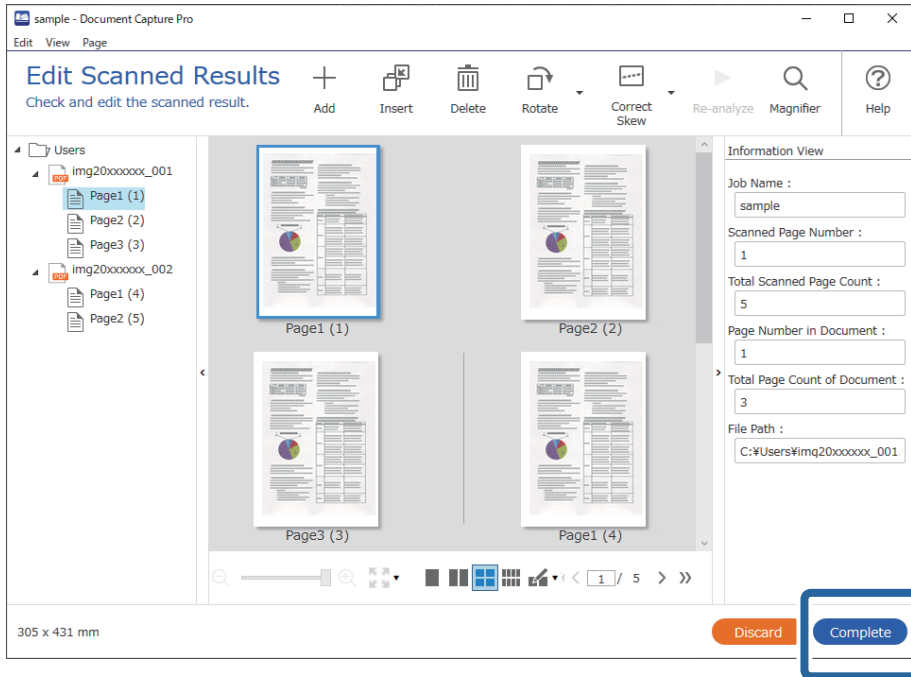
- For jobs for which **Show Edit Page dialog before saving** has been selected in the Scan Settings, check the scan results on the **Edit Scanned Results** screen after scanning, and then make edits as necessary.

You can check and edit the following on the **Edit Scanned Results** screen.

- Results of separation
- Scanned images
- Index data



5. Click **Complete** to finish performing the Job Scan.



## What is a Simple Scan?

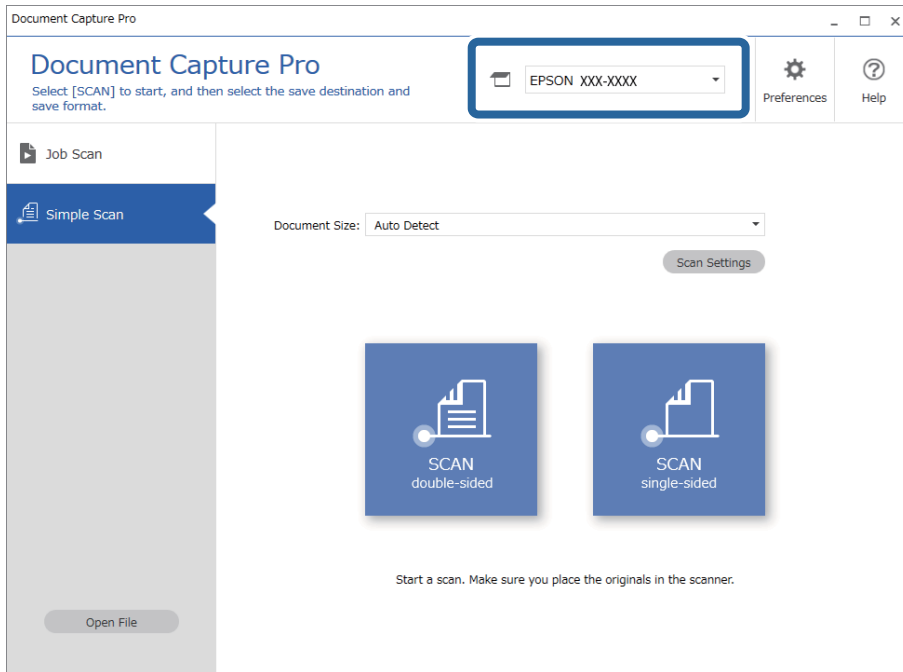
You can scan documents without creating a job. Check the results after scanning, and then save or set the destination.

By assigning Simple Scan Settings to the scanner's button, you can also execute the Simple Scan from the control panel.

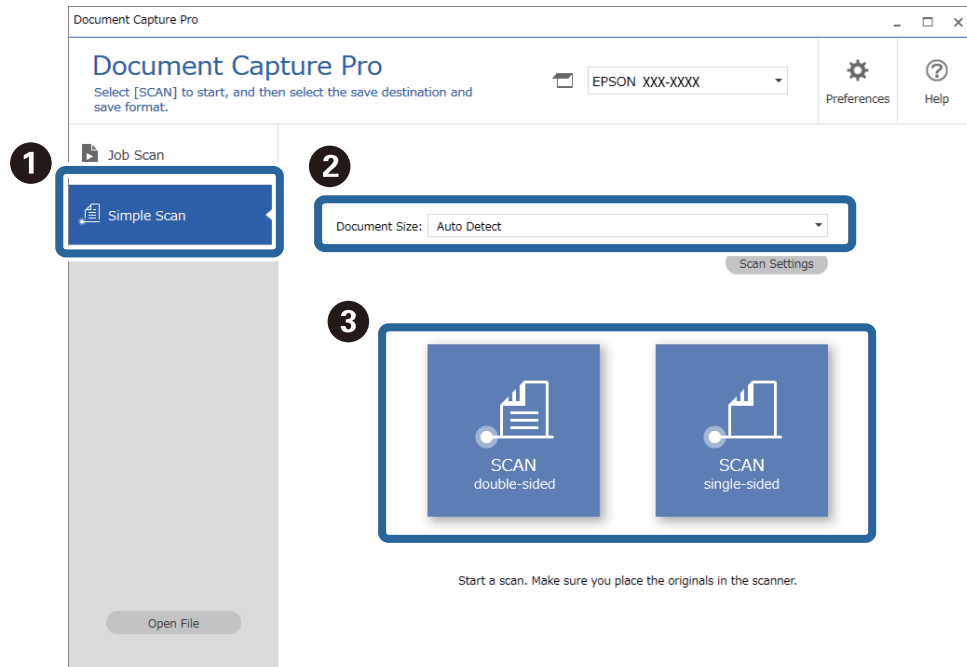
## Performing a Simple Scan

This section explains the workflow of scanning without using a job.

1. Select the scanner you want to use from the Document Capture Pro top screen. When you start the software it automatically connects to the last scanner you used.



2. Click the **Simple Scan** tab, select **Document Size**, and then click the **SCAN double-sided** or **SCAN single-sided** icon.

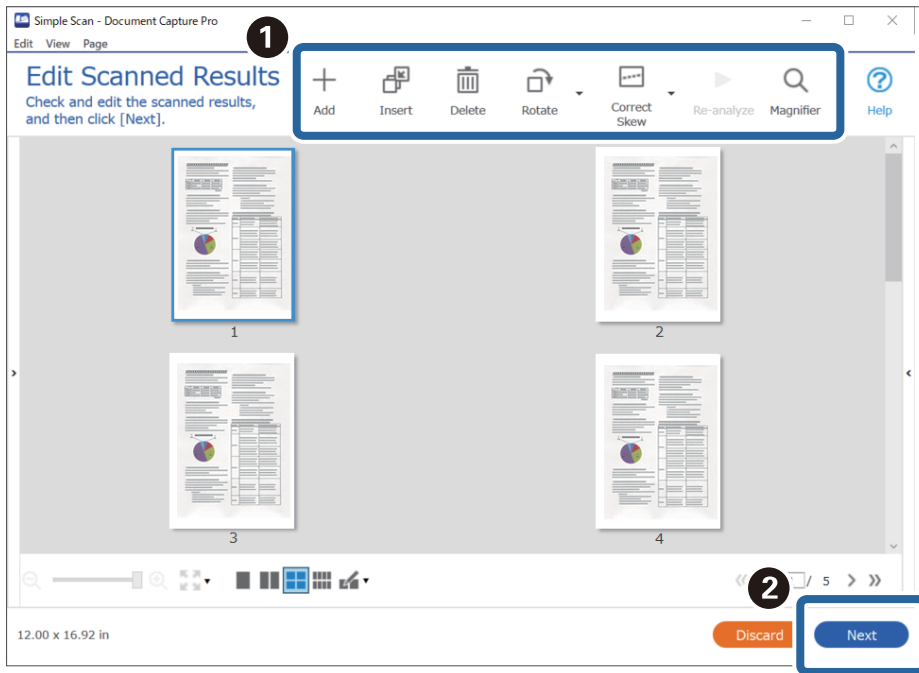


**Note:**

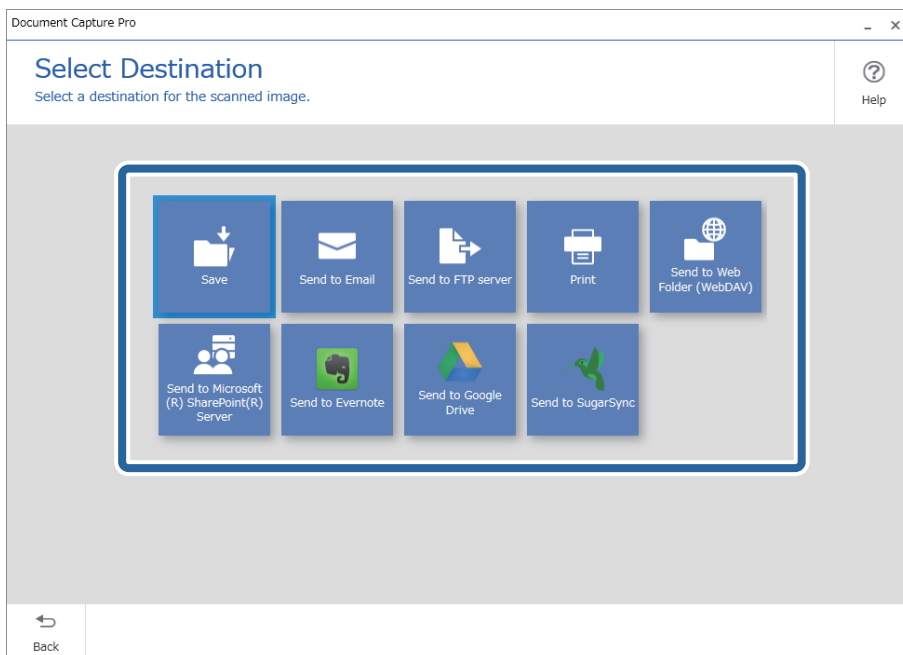
Click **Scan Settings** to set the resolution. You can make more detailed settings from *Epson Scan 2*.

The image being scanned is displayed.

3. Check the scan results on the **Edit Scanned Results** screen, make edits as necessary, and then click **Next**.

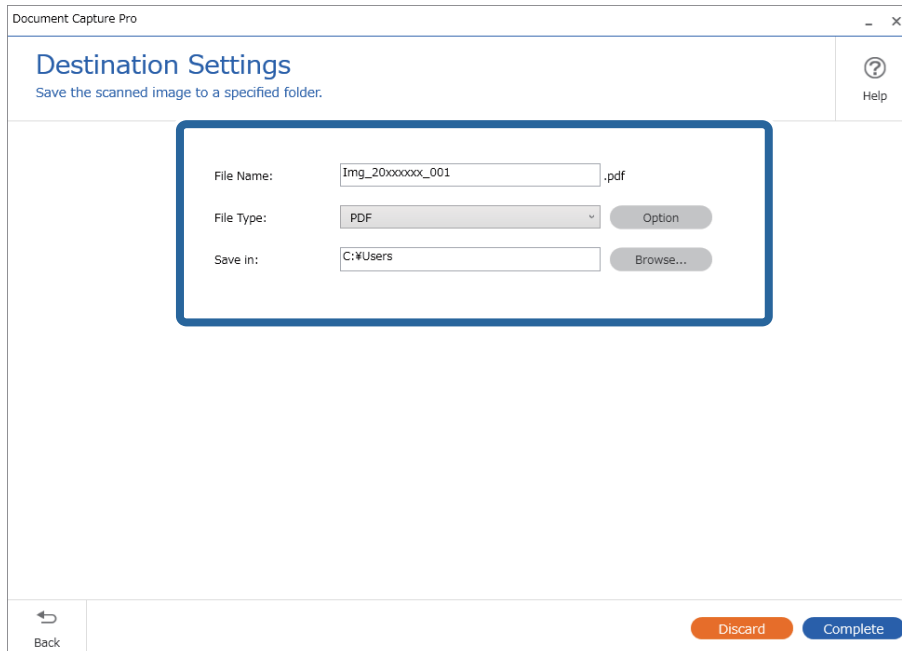


4. Select the destination for the scanned data on the **Select Destination** screen.



5. Set the file you want to save and the save format on the **Destination Settings** screen. You can also make more detailed settings according to the destination.

Displayed items depend on the destination. The following screen is displayed when **Save** is selected.



6. Click **Complete** to finish performing the Simple Scan.

## Scanning Using Document Capture (Mac OS)

This application allows you to perform various tasks such as saving the image to your computer, sending it by email, printing, and uploading to a server or a cloud service. You can also register scanning settings for a job to simplify scanning operations.

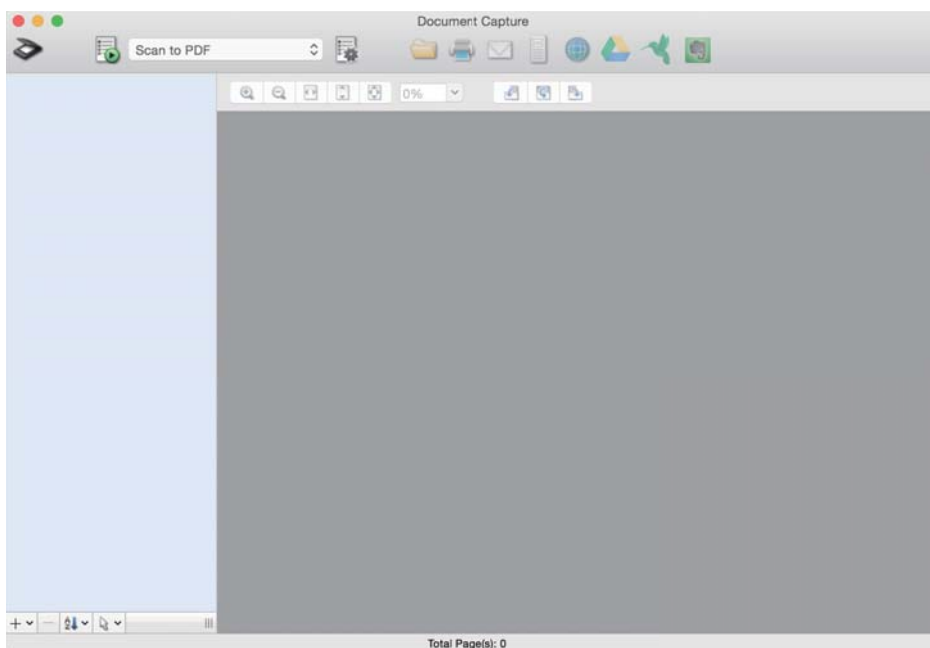
See the Document Capture help for details on the features.

**Note:**

*Do not use the Fast User Switching function while using your scanner.*

1. Start Document Capture.

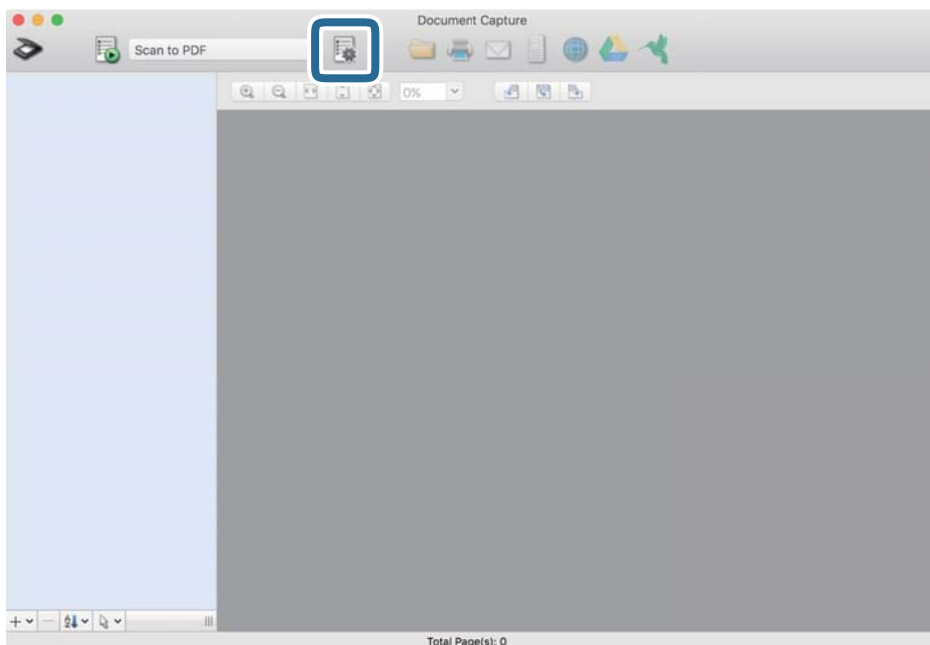
Select **Finder > Go > Applications > Epson Software > Document Capture**.



**Note:**

*You may need to select the scanner you want to use from the scanners list.*

2. Click .

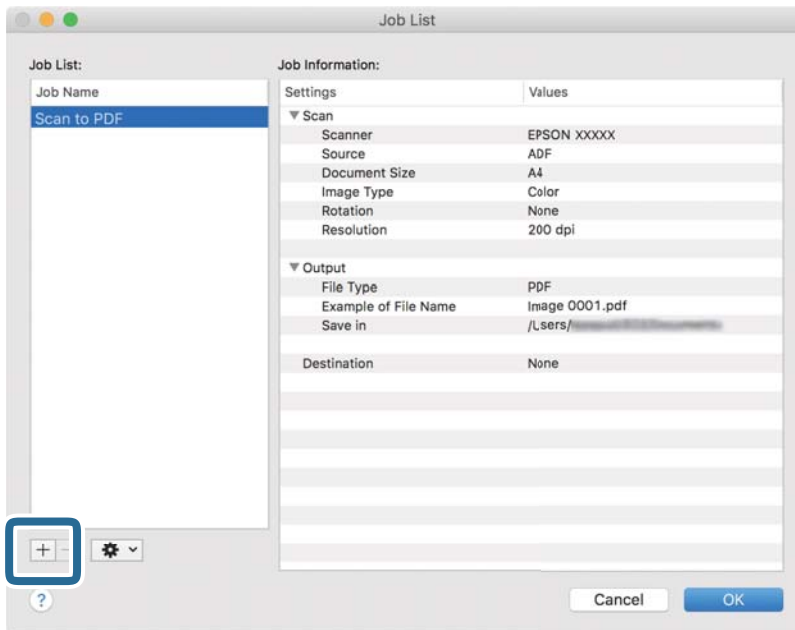


The **Job List** screen is displayed.

**Note:**

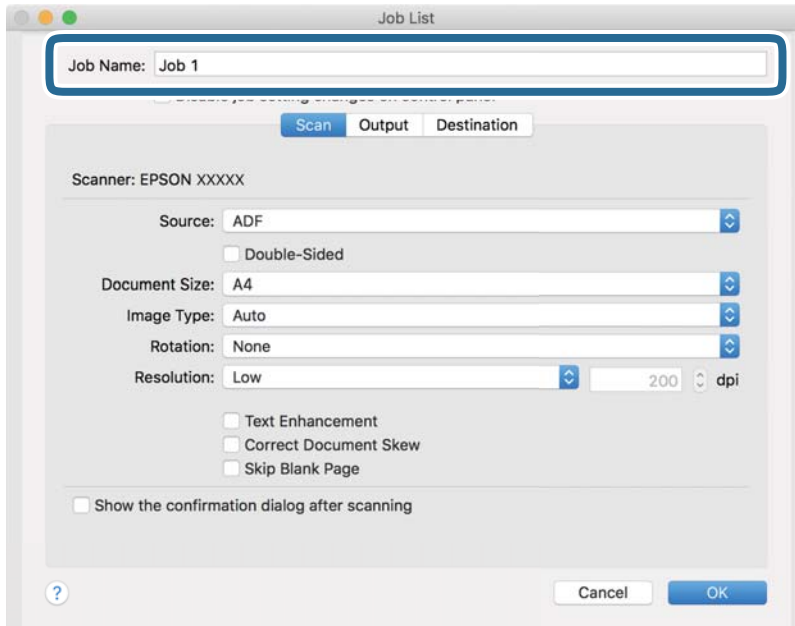
*A preset job is available that allows you to save scanned images as a PDF. When using this job, skip this procedure and go to procedure 10.*

3. Click the + icon.

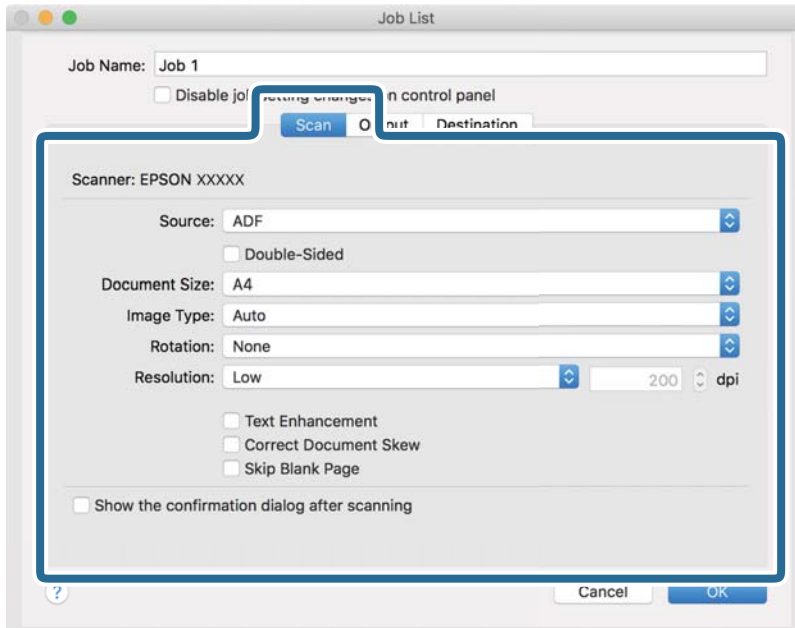


The job setting screen is displayed.

4. Set the Job Name.



5. Make scanning settings on the **Scan** tab.



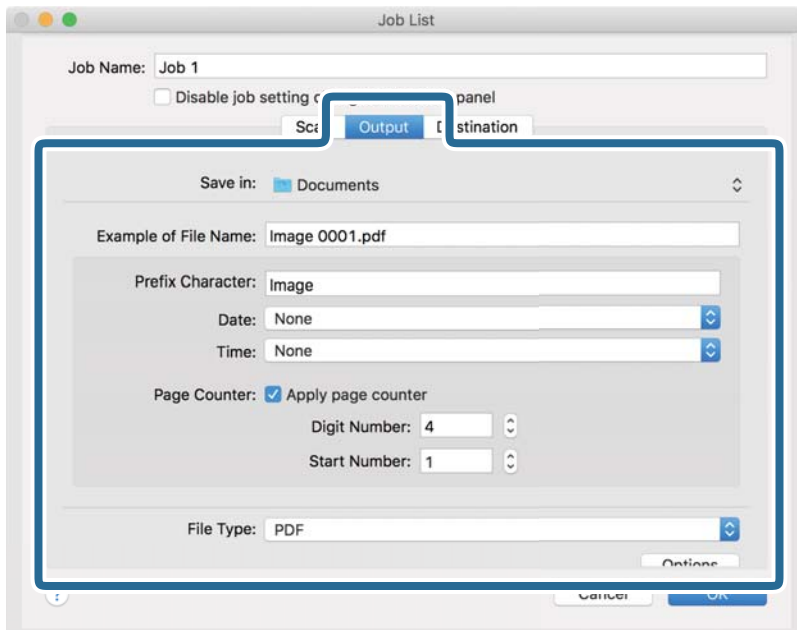
- Source:** Select the source where the original is placed. Select double-sided to scan both sides of the originals.
- Document Size:** Select the size of the original you placed.
- Image Type:** Select the color you want to use to save the scanned image.
- Rotation:** Select the rotation angle depending on the original you want to scan.
- Resolution:** Select the resolution.

**Note:**

You can also adjust the image using following items.

- Text Enhancement:** Select to make blurred letters in the original clear and sharp.
- Correct Document Skew:** Select to correct the slant of the original.
- Skip Blank Page:** Select to skip blank pages if there are any in the originals.

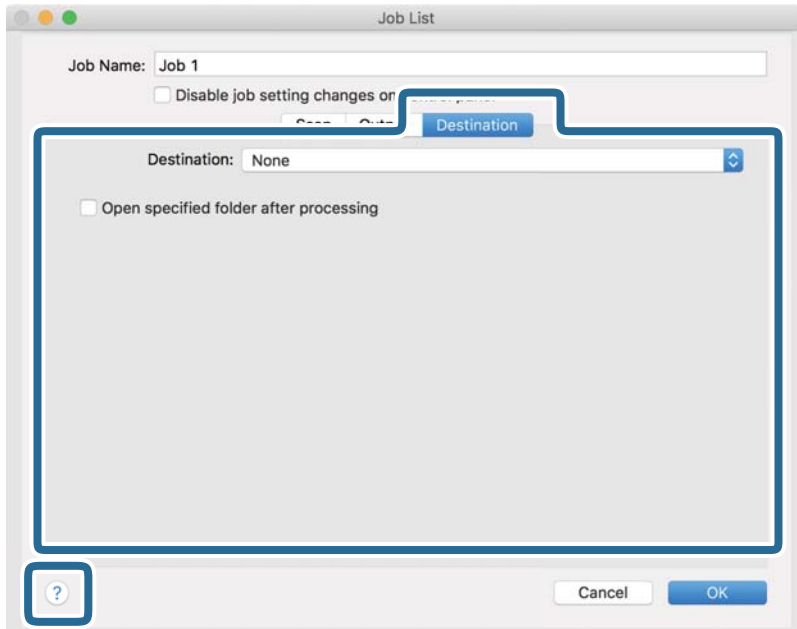
6. Click **Output**, and then make the output settings.



- Save in:** Select the save folder for the scanned image.
- Example of File Name:** Display an example of the file name for the current settings.
- Prefix Character:** Set a prefix for the file name.
- Date:** Add the date to the file name.
- Time:** Add the time to the file name.
- Page Counter:** Add the page counter to the file name.
- File Type:** Select the save format from the list. Click **Options** to make detailed settings for the file.

7. Click **Destination**, and then select the **Destination**.

Destination setting items are displayed according to the destination you selected. Make detailed settings as necessary. Click the ? (Help) icon for details on each item.

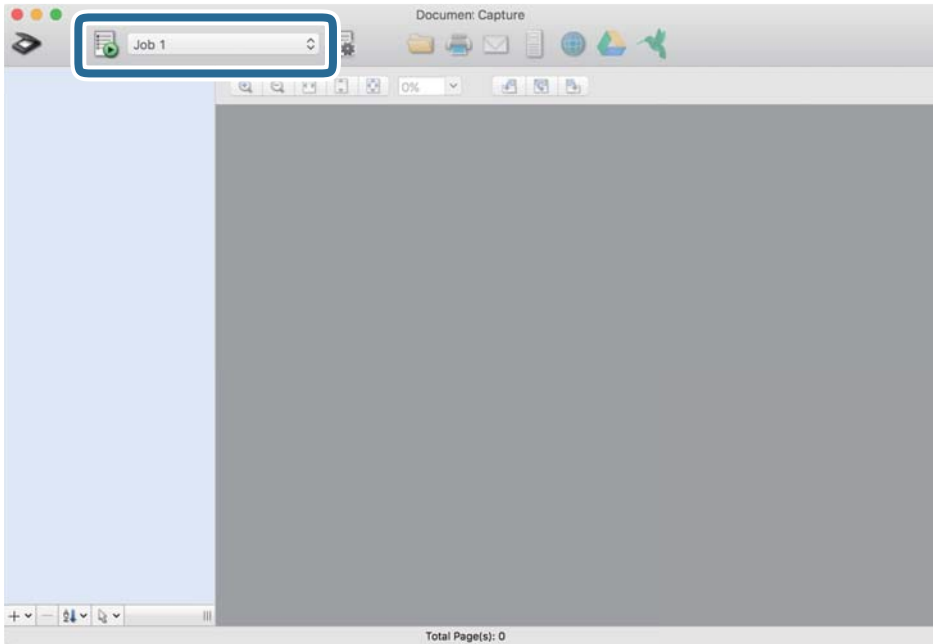


**Note:**

- ❑ If you want to upload to a cloud service, you need to set up your account with the cloud service in advance.
- ❑ If you want to use Evernote as the destination, download the Evernote application from the Evernote Corporation Website and install it before using this feature.

8. Click **OK** to close the job settings screen.
9. Click **OK** to close the **Job List** screen.
10. Place the original.

11. Select the job from the pull down list, and then click the  icon.




The selected job is performed.

12. Follow the on-screen instructions.

The scanned image is saved using the settings you made for the job.

**Note:**

You can scan the originals and send the scanned image without using the job. Click  and make scanning settings, and then click **Preview Scan**. Next, click the destination to which you want to send the scanned image.

**Related Information**

- ➔ [“Application for Scanning Documents \(Document Capture Pro / Document Capture\)” on page 22](#)
- ➔ [“Placing Originals” on page 33](#)
- ➔ [“Setting a Resolution That Suits the Scanning Purpose” on page 79](#)

## Scanning Using Epson Scan 2

You can scan the originals using detailed settings that are suitable for text documents.

1. Place the original.
2. Start Epson Scan 2.
  - Windows 10  
Click the start button, and then select **EPSON > Epson Scan 2**.
  - Windows 8.1/Windows 8  
Enter the application name in the search charm, and then select the displayed icon.

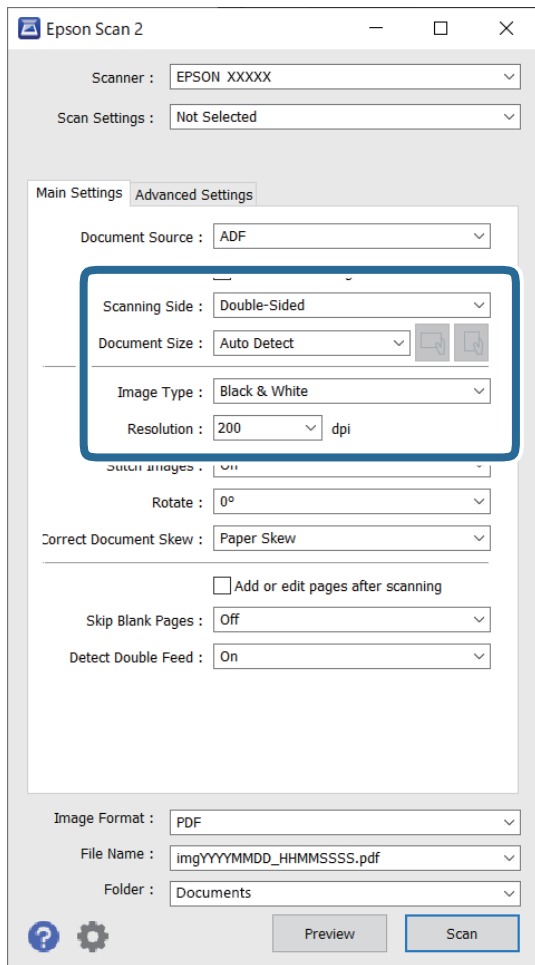
- ❑ Windows 7/Windows Vista/Windows XP

Click the start button, and then select **All Programs** or **Programs > EPSON > Epson Scan 2 > Epson Scan 2**.

- ❑ Mac OS


Select **Go > Applications > Epson Software > Epson Scan 2**.

3. Make the following settings on the **Main Settings** tab.



- ❑ **Scanning Side:** Select the side of the original you want to scan. Select **Double-Sided** to scan both sides of the originals.

- ❑ **Document Size:** Select the size of the original you placed.

- ❑  (Original orientation) buttons: Select the set orientation of the original you placed. Depending on the size of the original, this item may be set automatically and cannot be changed.

- ❑ **Image Type:** Select the color for saving the scanned image.

- ❑ **Resolution:** Select the resolution.

**Note:**

- ADF is set as the **Document Source** automatically.*
- On the **Main Settings** tab, you can also make the following settings.*
  - Stitch Images:** Select to stitch the images on the front and rear when scanning both sides of the original.
  - Rotate:** Select to rotate the original clockwise and scan it.
  - Correct Document Skew:** Select to correct the slant of the original.
  - Add or edit pages after scanning:** Select to add different originals or edit (rotate, move, and delete) the scanned pages after scanning.
  - Skip Blank Pages:** Select to skip blank pages if there are any in the originals.
  - Detect Double Feed:** Select to display a warning when multiple originals are fed at the same time.

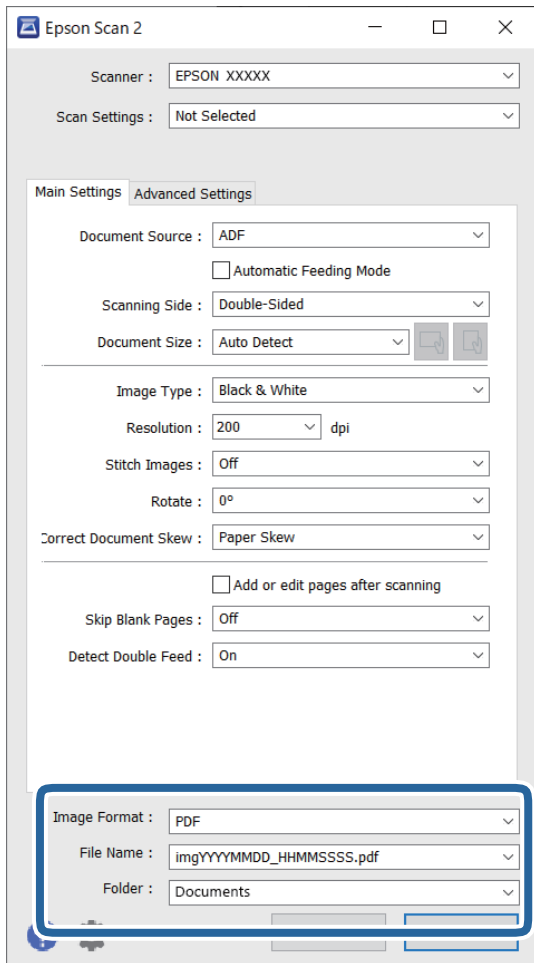
4. Make other scan settings if necessary.

- You can preview the scanned image of the first side of the first page of the originals. Load only the first page of your originals into the input tray and click the **Preview** button. The preview window opens, the previewed image is displayed, and the page is ejected from the scanner.  
Replace the ejected page together with the rest of the originals.
- On the **Advanced Settings** tab, you can make image adjustments using detailed settings which are suitable for text documents, such as the following.
  - Remove Background:** Select to remove the background from the originals.
  - Text Enhancement:** Select to make blurred letters in the original clear and sharp.
  - Auto Area Segmentation:** Select to make letters clear and images smooth when performing black and white scanning for a document that contains images.
  - Dropout:** Select to remove the color specified from the scanned image, and then save it in grayscale or black and white. For example, you can erase marks or notes you wrote in the margins with color pen when scanning.
  - Color Enhance:** Select to enhance the color specified for the scanned image, and then save it in grayscale or black and white. For example, you can enhance letters or lines that are in light colors.

**Note:**

*Some items may not be available depending on other settings you made.*

5. Set the file saving settings.



**Image Format:** Select the save format from the list.

You can make detailed settings for each save format except BITMAP and PNG. After selecting the save format, select **Options** from the list.

**File Name:** Check the save file name displayed.


You can change settings for file name by selecting **Settings** from the list.


**Folder:** Select the save folder for the scanned image from the list.


You can select other folder or create a new folder by selecting **Select** from the list.

6. Click **Scan**.

**Note:**

You can also start scanning by pressing  button on the scanner.

To scan originals that are likely to jam, for example thin paper, enable **Slow mode** by pressing the  button to slow down the feeding speed.

Pressing the  (Slow Mode) button once slows down the paper feeding speed; press it again to return to normal speed.

The scanned image is saved to the folder you specified.

### Related Information

- ➔ [“Application for Controlling the Scanner \(Epson Scan 2\)” on page 23](#)
- ➔ [“Placing Originals” on page 33](#)
- ➔ [“Setting a Resolution That Suits the Scanning Purpose” on page 79](#)
- ➔ [“Setting the Document Protection Feature” on page 132](#)
- ➔ [“Setting the Glass Surface Stain Detection Feature” on page 131](#)
- ➔ [“Setting the Operation When a Double-Feed is Detected” on page 133](#)

## Required Settings for Special Originals in Epson Scan 2 Window

You need to set certain items on the **Main Settings** tab in Epson Scan 2 window when scanning special originals.

When you are using Document Capture Pro, you can open the window by pressing the **Detailed Settings** button on the **Scan Settings** screen.

Type of Original	Required Settings
Envelopes	Select <b>Off</b> in <b>Detect Double Feed</b> .
Plastic cards	Select <b>Plastic Card</b> on the <b>Document Size</b> list, or select <b>Off</b> in <b>Detect Double Feed</b> .
Carrier Sheet	<input type="checkbox"/> If you select <b>Auto Detect</b> from the <b>Document Size</b> list, paper skew in the original is automatically corrected even if you select <b>Off</b> in <b>Correct Document Skew</b> . <input type="checkbox"/> If you select a other size than <b>Auto Detect</b> from the <b>Document Size</b> list, you can only use <b>Contents Skew</b> when using <b>Correct Document Skew</b> . <b>Paper Skew</b> is not applied when this is selected. When you select <b>Paper and Contents Skew</b> , only contents skew is corrected.
Large size originals	If the size of the original you want to scan is not on the <b>Document Size</b> list, select <b>Customize</b> to open the <b>Document Size Settings</b> window. Next, create the size manually on the window.
Long paper	If the size is not listed on the <b>Document Size</b> list, select <b>Auto Detect (Long Paper)</b> or select <b>Customize</b> to create a custom document size.
Laminated cards	To scan transparent areas around the edges, select <b>Customize</b> on the <b>Document Size</b> list to open the <b>Document Size Settings</b> window. Next, select <b>Scan laminated card</b> in the window.  <i><b>Note:</b> The appropriate effect may not be achieved depending on the original. If transparent areas around the edges are not scanned, select <b>Customize</b> from the <b>Document Size</b> list, and then create the size manually.</i>

### Related Information

- ➔ [“Placing Originals” on page 33](#)

## Setting a Resolution That Suits the Scanning Purpose

### Advantages and Disadvantages of Increasing the Resolution

Resolution indicates the number of pixels (smallest area of an image) for each inch (25.4 mm), and is measured in dpi (dots per inch). The advantage of increasing the resolution is that the details in the image become fine. The disadvantage is that the file size becomes large.

- File size becomes large  
(When you double the resolution, the file size becomes about four times larger.)
- Scanning, saving, and reading the image takes a long time
- Sending and receiving emails or faxes takes a long time
- The image becomes too large to fit the display or print on the paper

**List of Recommended Resolutions to Suit Your Purpose**

See the table and set the appropriate resolution for the purpose of your scanned image.

Purpose	Resolution (Reference)
Displaying on a screen Sending by email	Up to 200 dpi
Using Optical Character Recognition (OCR) Creating a text searchable PDF	200 to 300 dpi
Printing using a printer Sending by fax	200 to 300 dpi

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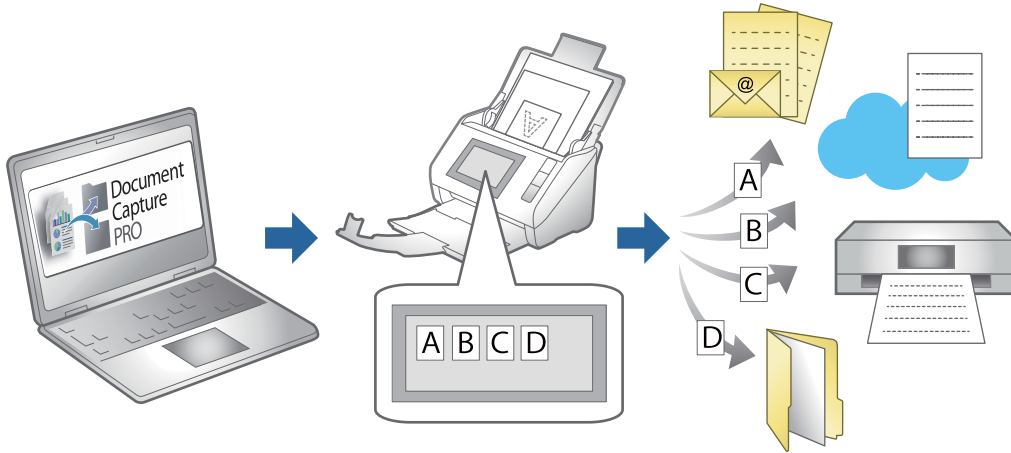
# Advanced Scanning

Setting a Job. . . . .	82
Scanning Different Sizes or Types of Originals One by One (Automatic Feeding Mode). . . . .	90
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## Setting a Job

You can register a set of operations, such as Scan-Save-Send, as a "job".

By registering a series of operations in advance as a job using Document Capture Pro (Windows) or Document Capture (Mac OS), you can perform all of the operations by simply selecting the job.

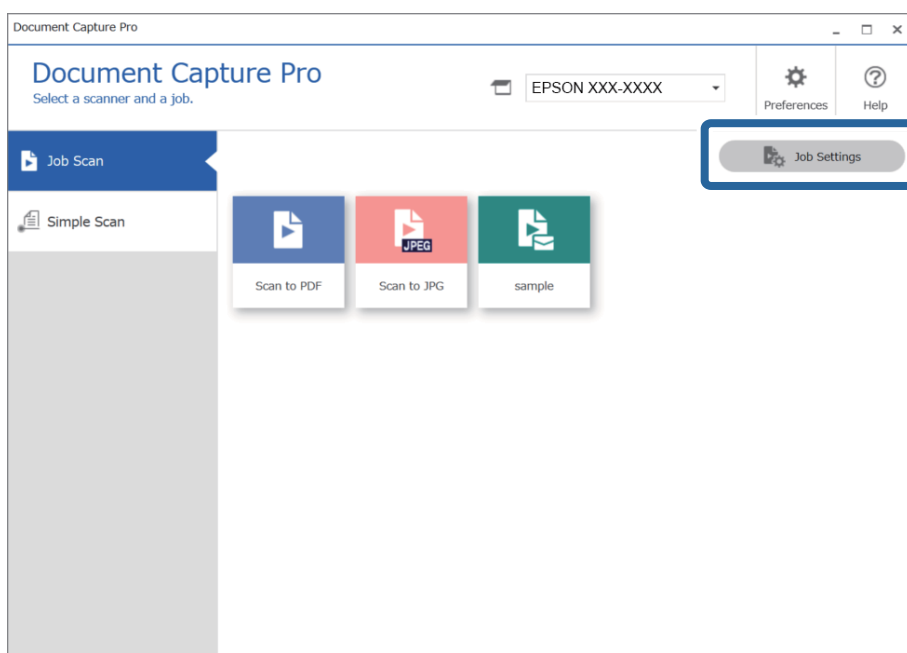


## Creating and Registering a Job (Windows)

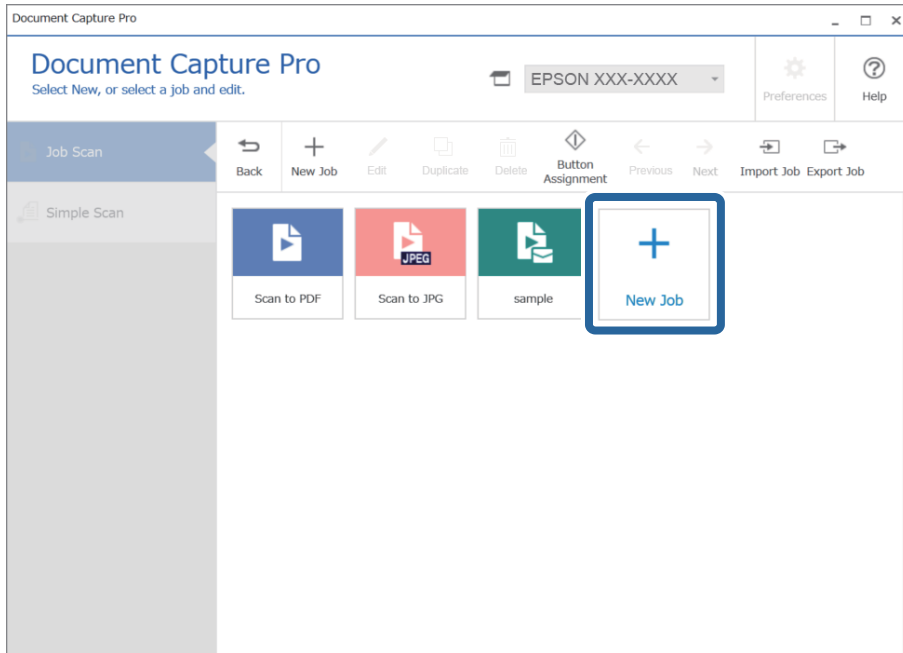
Explains how to set a job in Document Capture Pro. See the Document Capture Pro help for details on the features.

<https://support.epson.net/dcp/>

1. Start Document Capture Pro.
2. Click **Job Settings** on the **Job Scan** screen.



3. Click **New Job**.

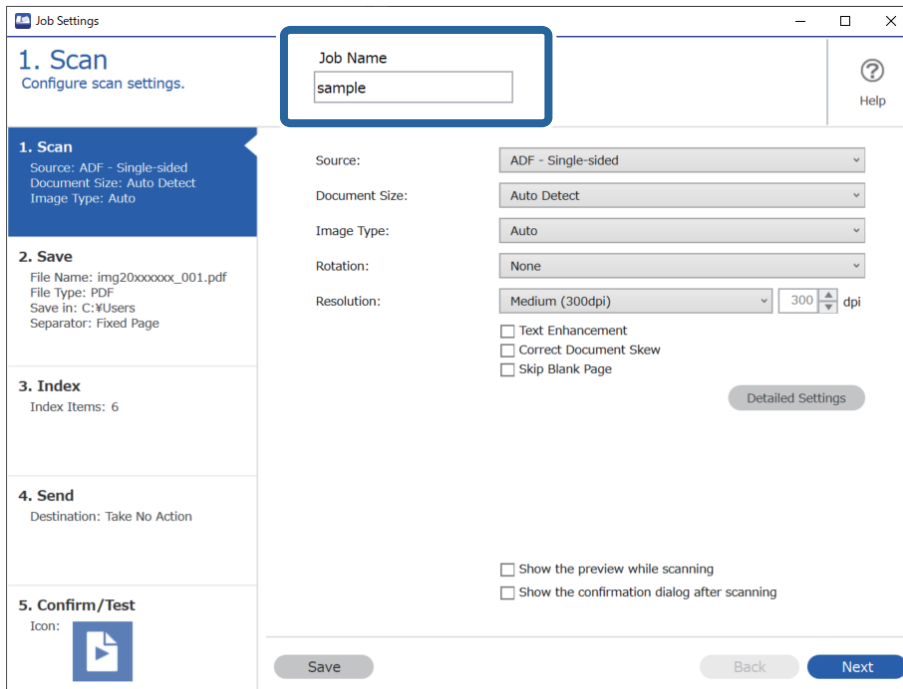


**Note:**

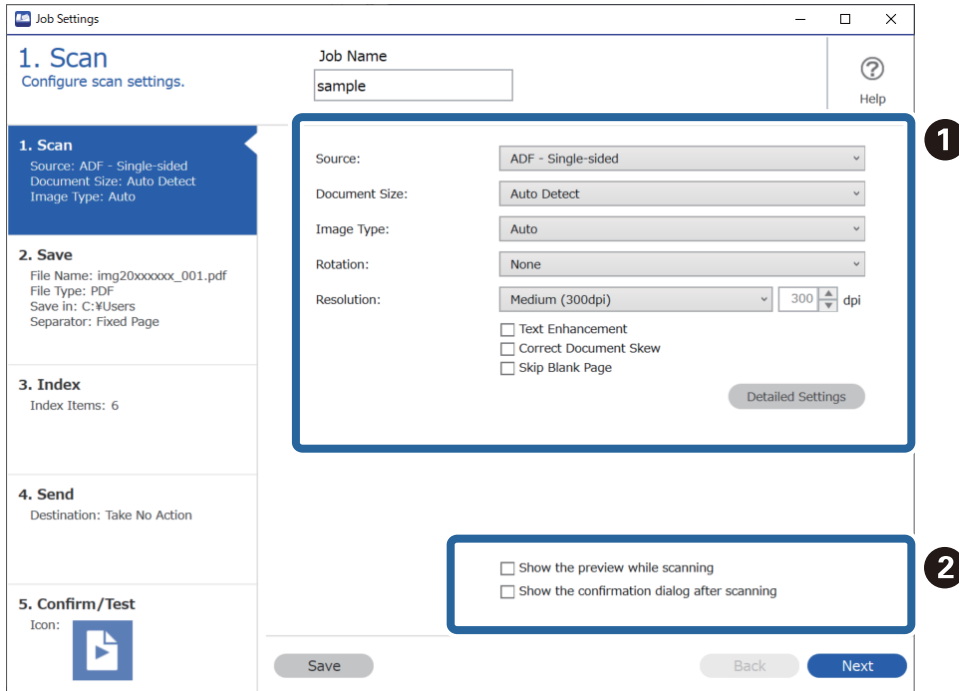
To create a new job based on another job, click the job you want to use as the base, and then click **Duplicate**.

The **Job Settings** window is displayed.

4. Enter a **Job Name**.



5. On the **1. Scan** tab, set the scan job operations you want to create.



- ❶ Make basic scanning settings.

To make more advanced settings, click **Detailed Settings** to open the settings screen. Change the scan operation and click **Save** to return to the Document Capture Pro screen.

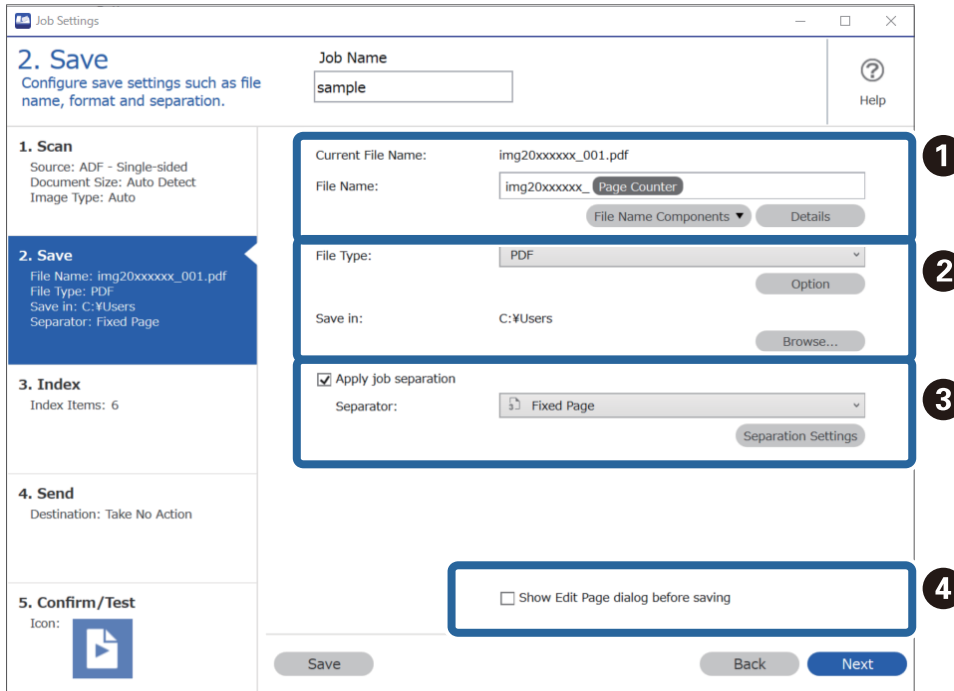
- ❷ Change the settings as necessary.

Select **Show the preview while scanning** to display images while scanning.

Select **Show the confirmation dialog after scanning** to display a confirmation message asking if you want to continue scanning after completing a scan.

When you have finished making scanning settings, click **Next** or the **2. Save** tab.

6. On the **2. Save** tab, you can make settings for saving the scan results.



- ❑ **1** Set the name of the file.

When you select a component you want to use for the file name from **File Name Components**, it is added to the file name. You can also enter a name directly in **File Name**.

If you want to add barcodes, OCR, and forms, you need to make settings in advance. Click **Detailed Settings**.

You can also change the Time Stamp and Page Counter format from **Detailed Settings**.

- ❑ **2** Set the file save format and location.

**Option** may be enabled depending on the File Type; click to make detailed settings.

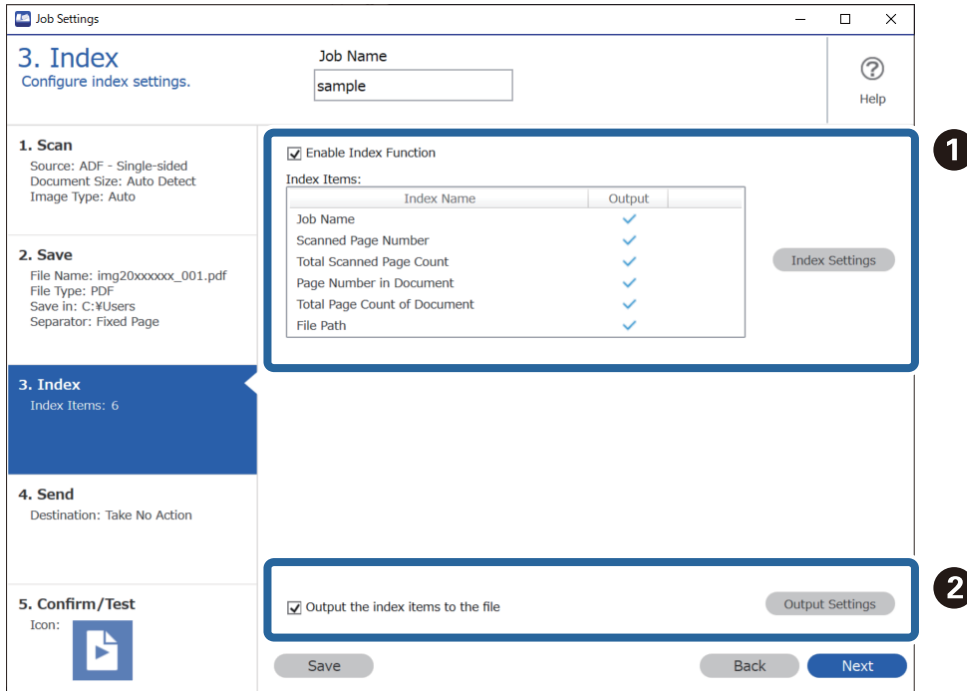
- ❑ **3** When you want to separate jobs, select this to choose the separation method, and then select **Separation Settings** to make detailed settings.

- ❑ **4** Change the settings as necessary.

When you select **Show Edit Page dialog before saving**, you can make edits on the **Edit Scanned Results** screen after scanning.

When you have finished making save settings, click **Next** or the **3. Index** tab.

- 7. You can make index file settings on the **3. Index** tab.

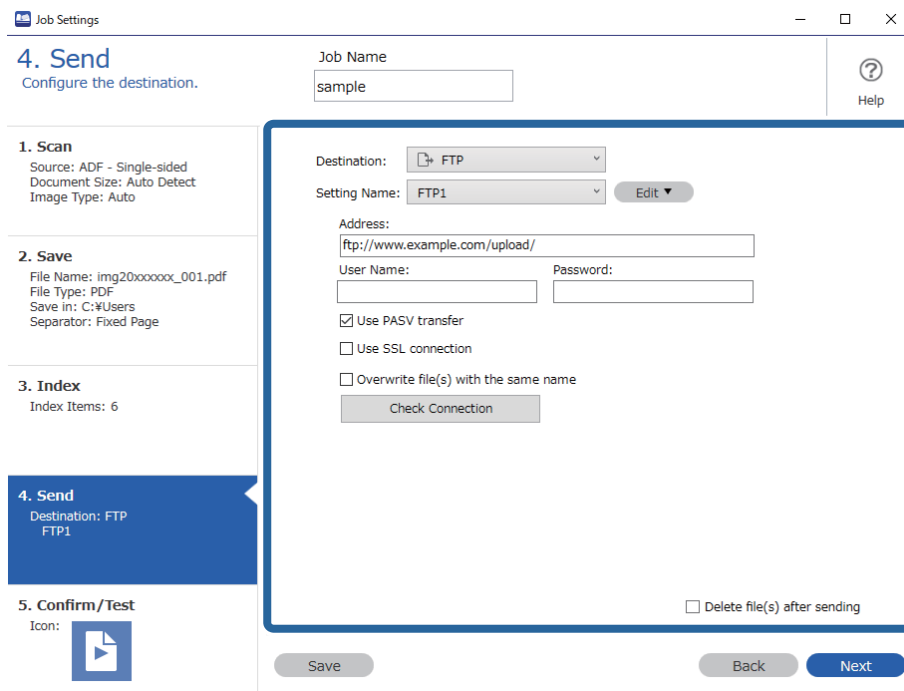


- ❑ **1** When creating an index file, select **Enable Index Function**.  
Click **Index Settings** and select the items you want to use for the index.
- ❑ **2** Select **Output the index items to the file**, and then click **Output Settings** to set the output items and file name used when outputting to a file.

When you have finished making index settings, click **Next** or the **4. Send** tab.

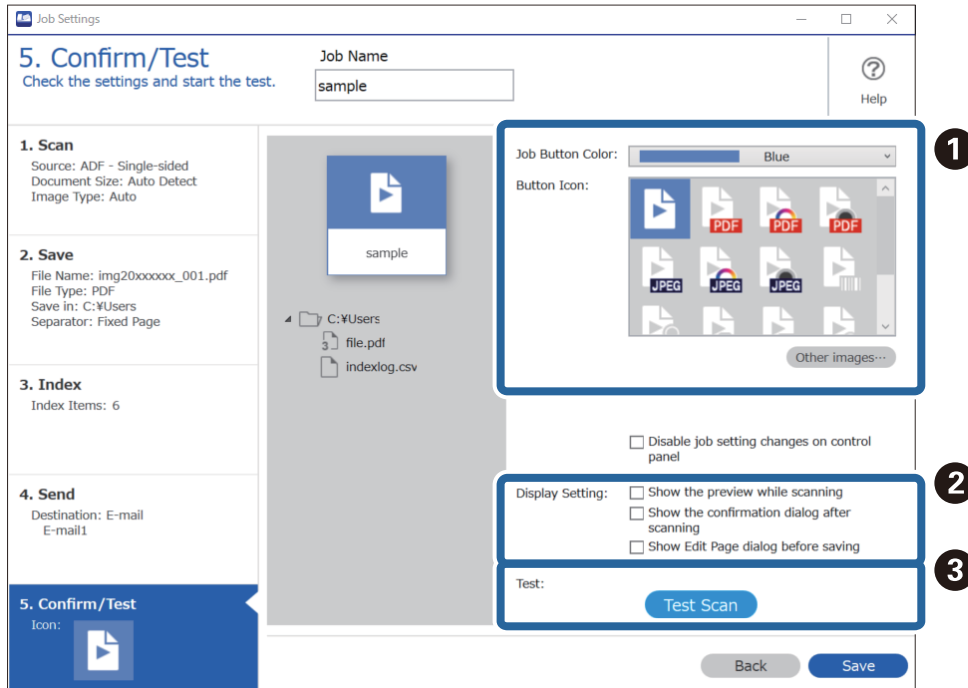
- Set the destination settings on the **4. Send** tab.

When **Destination** is selected, setting items are displayed according to the send destination.



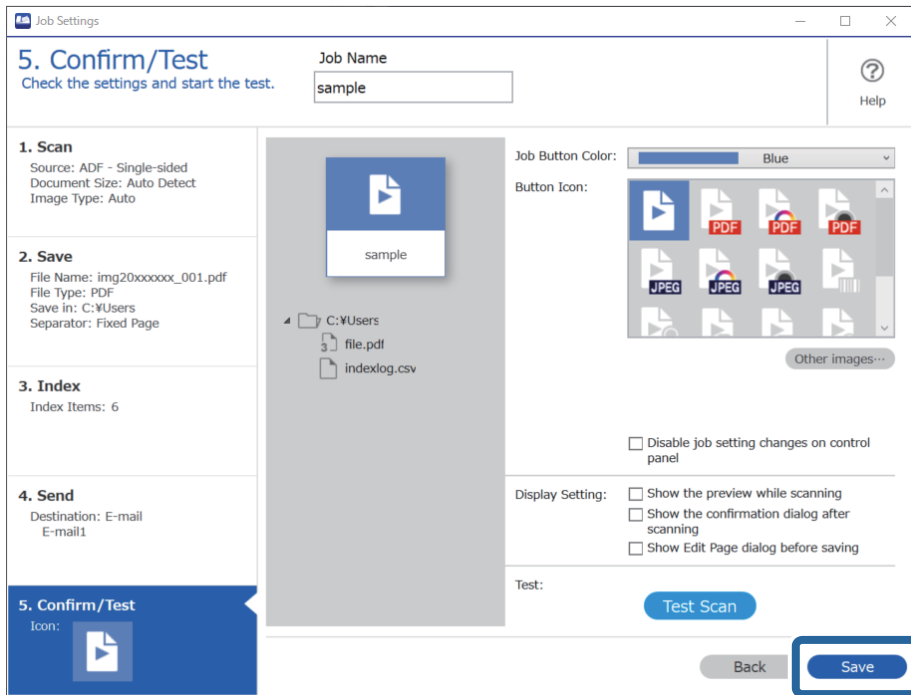
When you have finished making transfer settings, click **Next** or the **5. Confirm/Test** tab.

- Check the settings on the **5. Confirm/Test** tab, and then perform a test scan.



- 1 Change the job button color or icon.
- 2 Change the display settings used during and after scanning.

- ❑ ③ Perform a test scan using the job that is currently set.
10. Click **Save** to finish creating the job.




If you go on to create a new job, make edits, duplicate, delete, and so on, continue to make settings. To finish making job settings, click the **Back** button on the left of the toolbar to return the job screen.

### Related Information

➔ [“Scanning Using a Scanner Button” on page 62](#)

## Creating and Registering a Job (Mac OS)

Explains how to set a job in Document Capture. See the Document Capture help for details on the features.

1. Start Document Capture.
2. Click the  icon on the main window.  
The **Job List** window is displayed.
3. Click the + icon.  
The **Job Settings** window is displayed.
4. Make the job settings on the **Job Settings** window.
  - ❑ **Job Name:** Enter the name of the job you want to register.
  - ❑ **Scan:** Make scan settings such as the size of the originals or the resolution.
  - ❑ **Output:** Set the saving destination, the saving format, the naming rules of the files, and so on.

**Destination:** Select the destination of the scanned images. You can send them by email or forward them to an FTP server or Web server.

5. Click **OK** to return to the **Job List** window.  
The created job is registered in the **Job List**.
6. Click **OK** to return to the main window.

#### **Related Information**

➔ [“Scanning Using a Scanner Button” on page 62](#)



## **Assigning a Job to the Scanner Button (Windows)**

You can assign a job to the scanner's button, and run the job by pressing the button.

1. Start Document Capture Pro.
2. Click **Job Settings** > **Button Assignment** on the Job Scan screen.
3. Click the job name to select the job you want to assign from the pull-down menu.
4. Click **OK** to close the Button Assignment screen.
5. Click **Back**.

## **Assigning a Job to the Scanner Button (Mac OS)**

You can assign a job to the scanner's button, and run the job by pressing the button.

1. Start Document Capture.
2. Click the  (**Manage Job**) icon on the main window.  
The **Job Management** window is displayed.
3. Click the  icon at the bottom of the screen.
4. Click the job name to select the job you want to assign from the pull-down menu.
5. Click **OK** on the **Job Management** window.  
The job is assigned to the scanner button.

## Scanning Different Sizes or Types of Originals One by One (Automatic Feeding Mode)

You can scan different sizes or types of originals one by one using Automatic Feeding Mode. In this mode, the scanner starts scanning automatically when originals are loaded in the ADF.

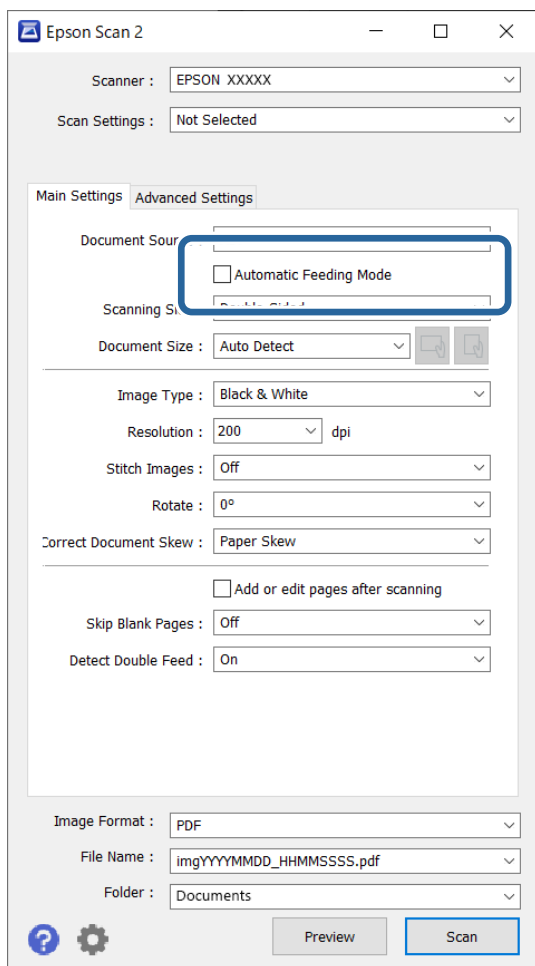
When using Document Capture Pro, you can use Automatic Feeding Mode in your job.

1. Start Epson Scan 2.

**Note:**

When you are using Document Capture Pro, you can open the Epson Scan 2 window by pressing the **Detailed Settings** button on the **Scan Settings** screen.

2. Select **Automatic Feeding Mode** on the **Main Settings** tab.




3. Make other settings for scanning on the Epson Scan 2 main window.

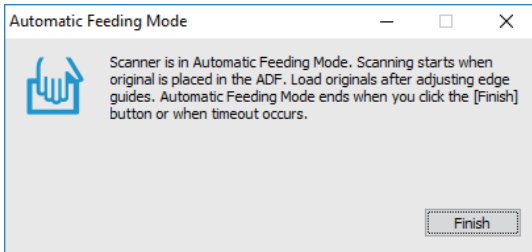
4. Click **Scan**.

**Note:**

When using Document Capture Pro, click **Save** to save the scan settings. When you start scanning, Automatic Feeding Mode will start.

Automatic Feeding Mode starts.



The  light on the scanner turns on, and the **Automatic Feeding Mode** window is displayed on your computer.




5. Adjust the edge guides, and then place the original in the ADF.  
Scanning starts automatically.

6. After scanning stops, place the next original in the ADF.  
Repeat this procedure until you have scanned all originals.

**Note:**

- If you want to scan originals that are detected as double feeds, for example plastic cards or envelopes, press the  (Double Feed Detection Skip) button before placing the original to skip double feed detection.
- If you want to scan originals that are likely to jam, for example thin paper, press the  (Slow Mode) button before placing the original to slow down the scanning speed.

7. After you have scanned all originals, close Automatic Feeding Mode.

Press the  button on the scanner or press **Finish** on the **Automatic Feeding Mode** window displayed on your computer.

**Note:**

You can make timeout settings to finish **Automatic Feeding Mode**.

Select **Settings** on the **Document Source** list to open the **Document Source Settings** window. Set **Automatic Feeding Mode Timeout (seconds)** on the window.

The scanned image is saved to the folder you specified.

**Related Information**

➔ [“Placing Originals” on page 33](#)

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## Various Scanning Settings for Document Capture Pro (for Windows Only)

Document Capture Pro allows you to easily scan and save documents such as official reports and forms, by using the optimum settings to suit your needs. This section explains how to make settings for jobs that use convenient functions such as sorting.

**Note:**

This chapter explains the Document Capture Pro feature on Windows. When you using Document Capture on Mac OS, see the software help for details.

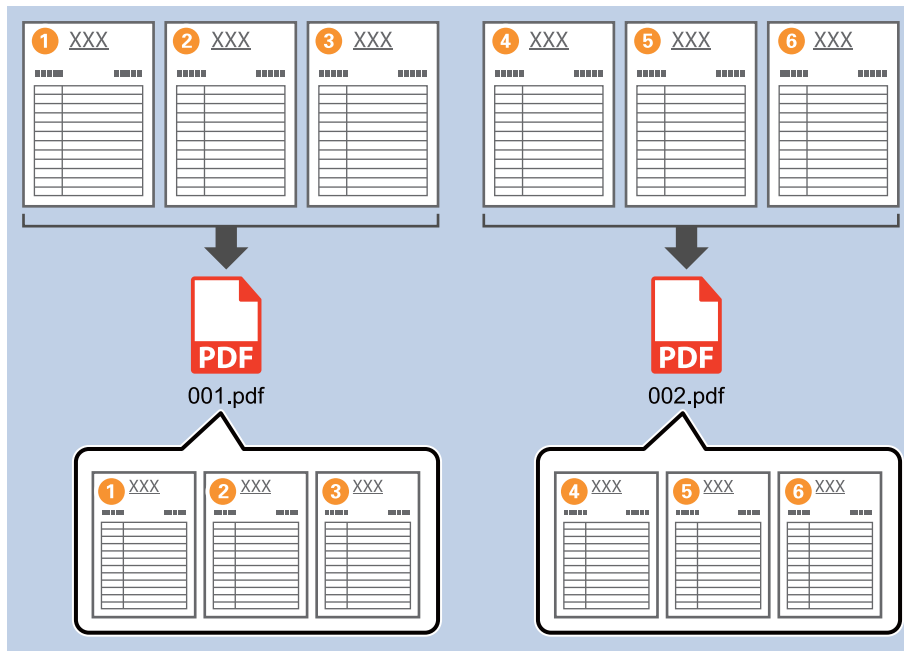
### Related Information

- ➔ “Dividing documents using a specified number of pages” on page 92
- ➔ “Dividing documents using blank sheets of paper” on page 95
- ➔ “Creating and saving folders using the barcode character information” on page 99
- ➔ “Creating two levels of folders using two types of barcode” on page 103
- ➔ “Saving files with file names using the barcode character information” on page 107
- ➔ “Creating and saving folders using OCR characters” on page 112
- ➔ “Saving files with file names using OCR characters” on page 117
- ➔ “Creating and saving folders for each form” on page 124

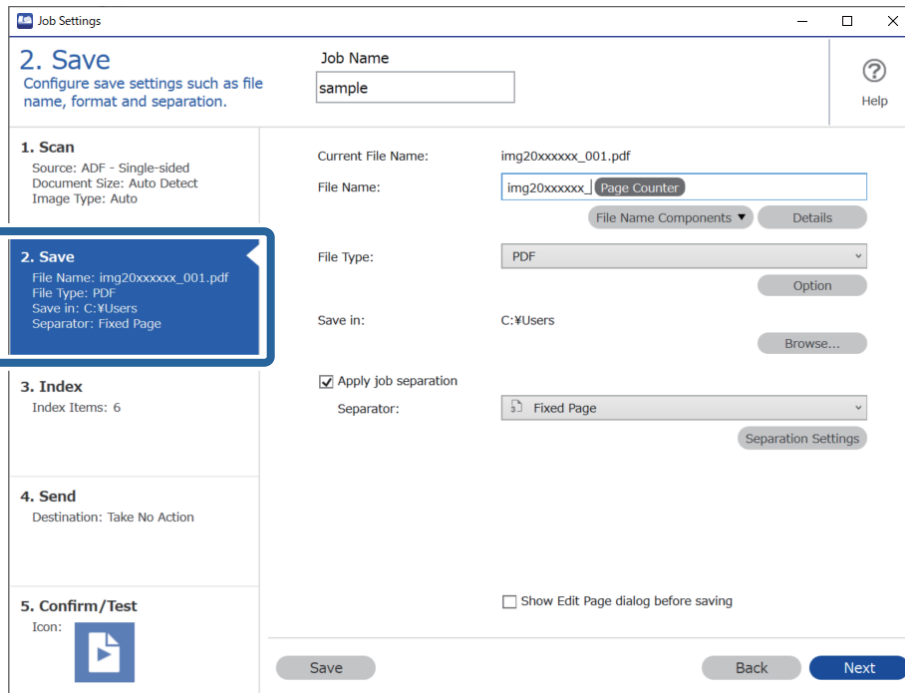
## Dividing documents using a specified number of pages

You can divide data based on a specified number of pages scanned, and save in a file or folder.

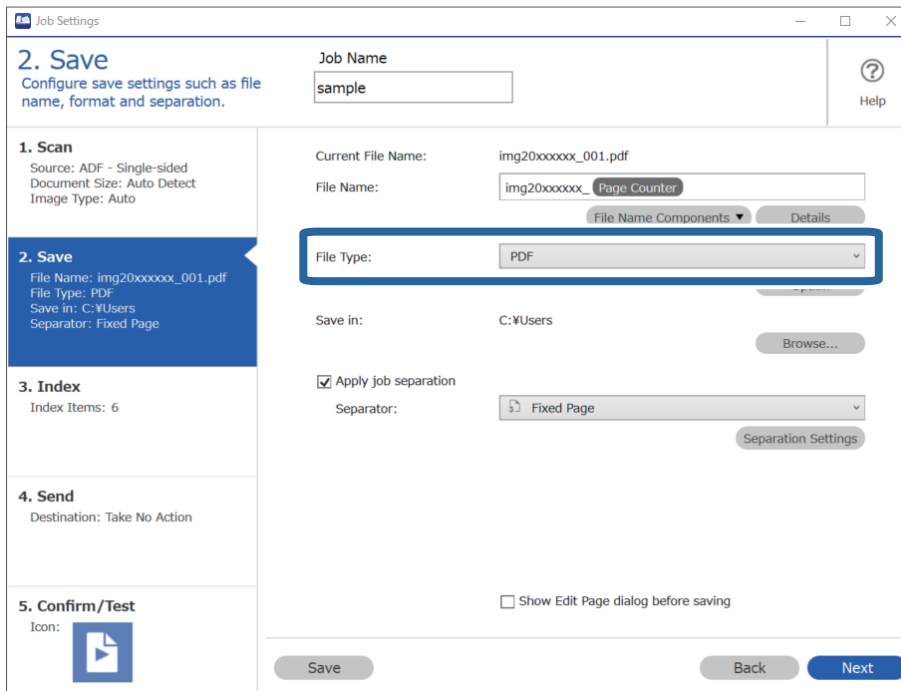
This section explains the job settings for "Dividing a document every three pages and saving as PDF files".



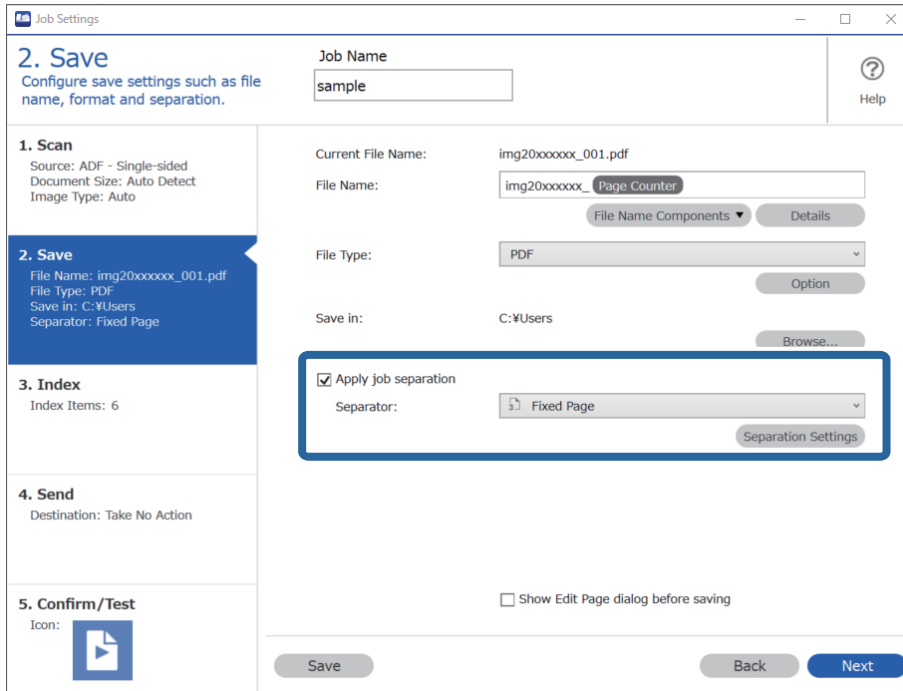
1. Display the **Job Settings** screen, and then click the **2. Save** tab.



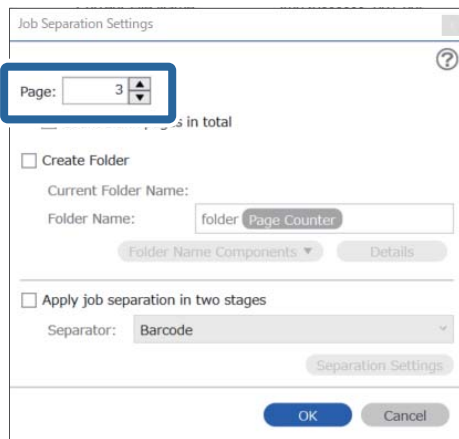
2. Set **File Type** to PDF.



3. Select **Apply job separation**, set **Separator** to **Fixed Page**, and then click **Separation Settings**.

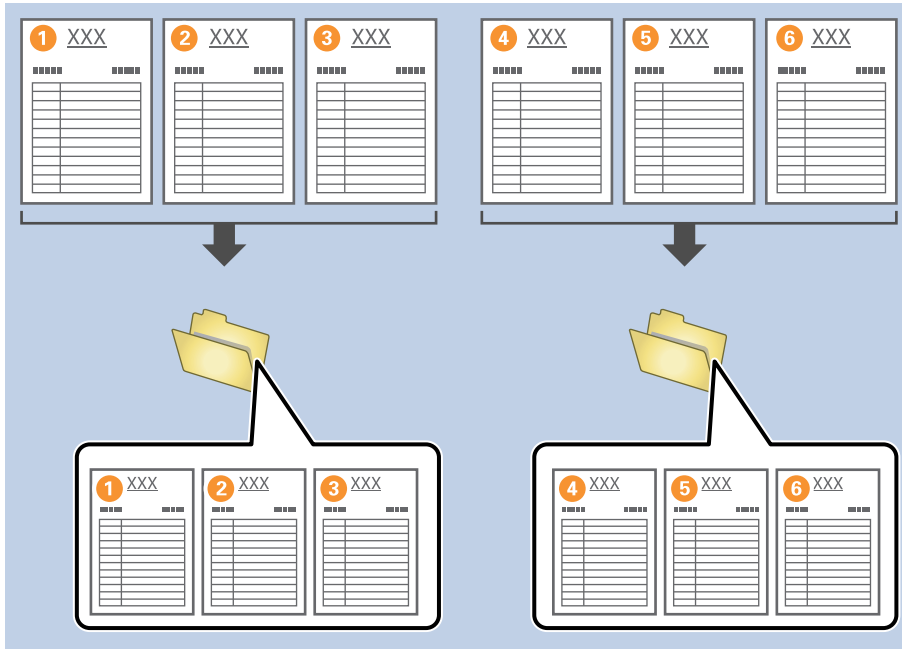


4. On the **Job Separation Settings** screen, set the number of pages at which you want to divide the document. For example, when you specify "3", the document is divided after scanning every three pages.



**Note:**

Since there are no save formats (image files such as JPEGs) that support multiple pages, you cannot create multi-page files. When **Create Folder** is selected, the document is divided at the page number you specified (number of files), and then saved to a folder.



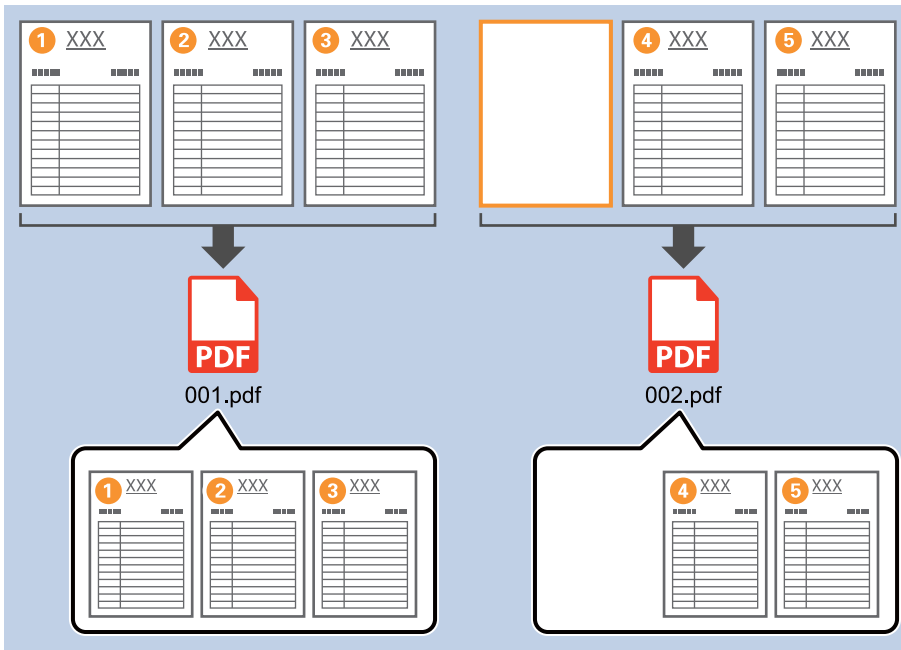
**Related Information**

- ➔ [“Placing Originals” on page 33](#)
- ➔ [“Scanning Using Document Capture Pro \(Windows\)” on page 62](#)

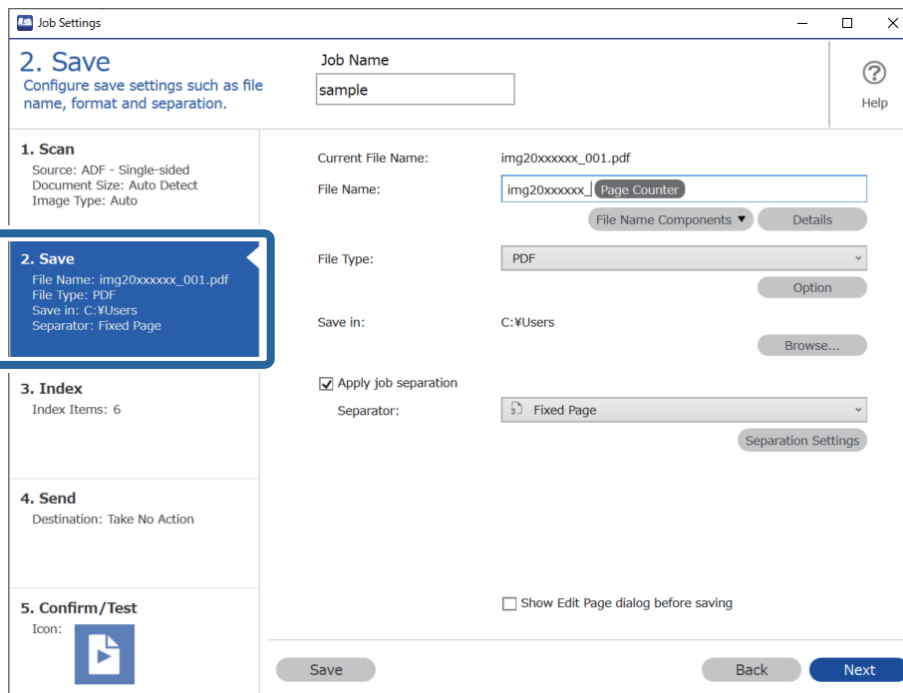
## Dividing documents using blank sheets of paper

By placing blank sheets of paper between the pages of the document being scanned, you can divide the scanned data and save them in separate files or folders. When scanning both sides of a document, if one of the sides is blank, it is also detected as a blank page. After sorting, you can remove any unnecessary pages and then save.

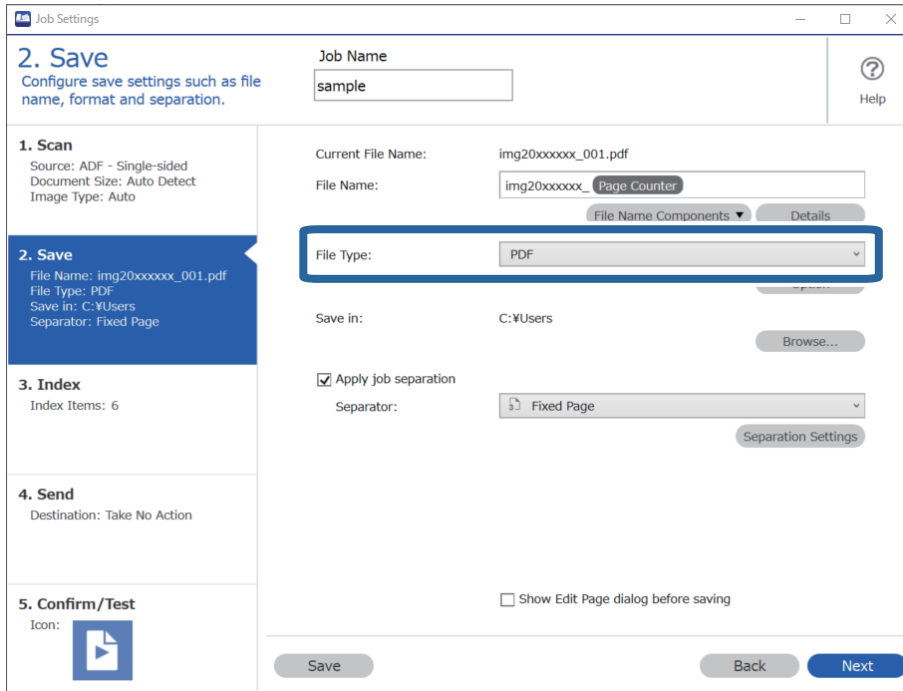
This section explains the job settings for "Dividing a document using blank pages, and saving as PDF files" when a blank page is placed between the third and fourth pieces of paper.



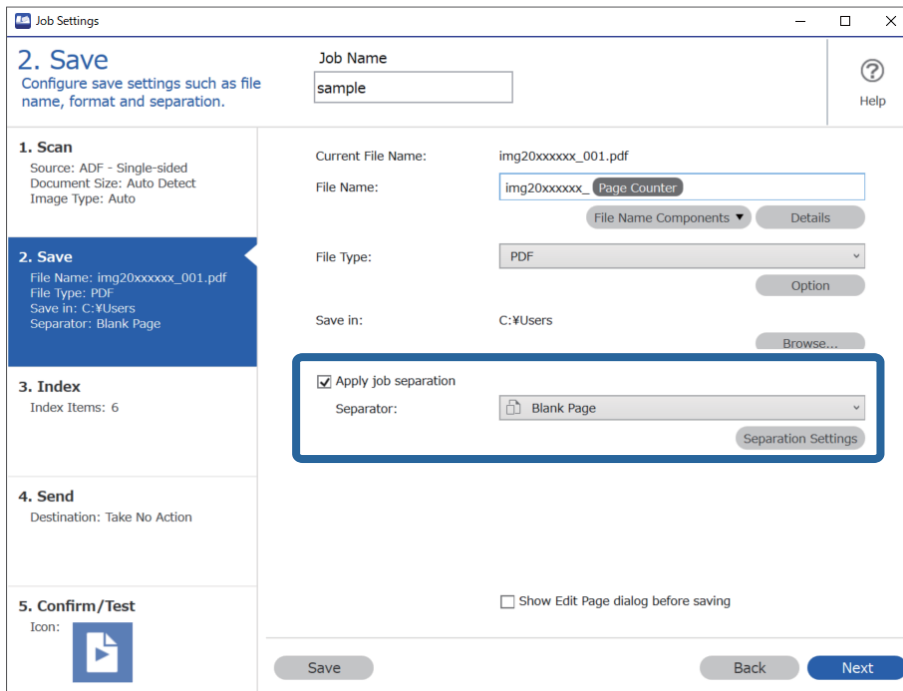
1. Display the **Job Settings** screen, and then click the **2. Save** tab.



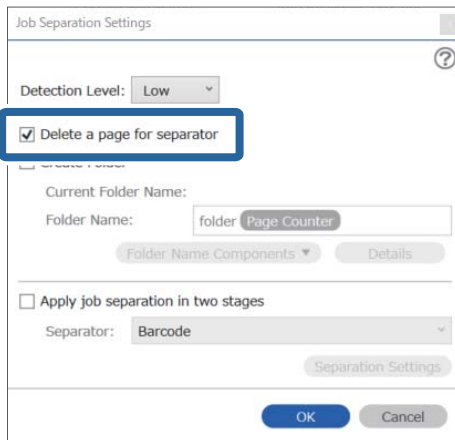
2. Set File Type to PDF.



3. Select Apply job separation, set Separator to Blank Page, and then click Separation Settings.

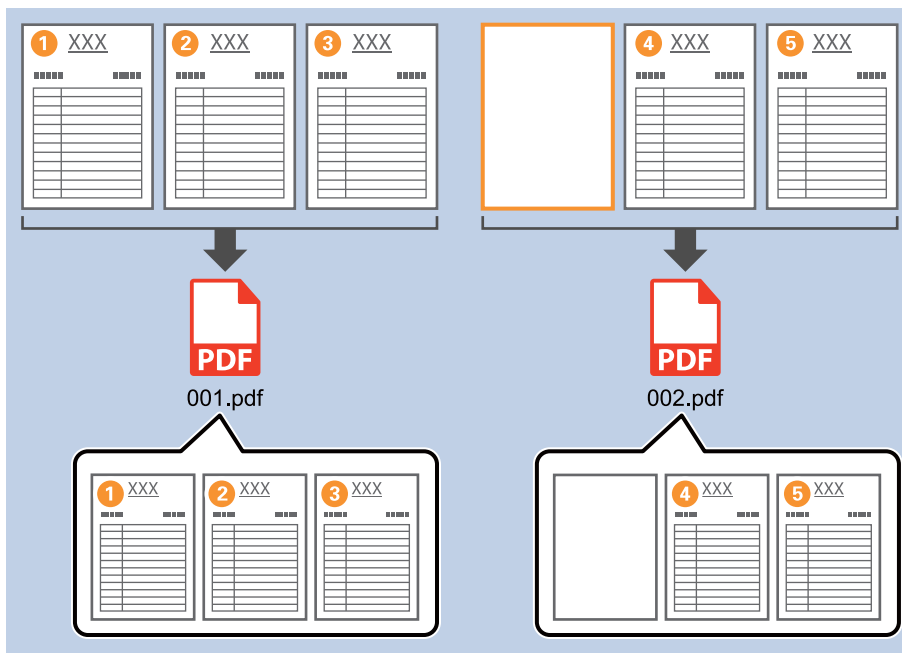


- On the **Job Separation Settings** screen, select **Delete a page for separator**.  
Blank pages are removed after sorting.



**Note:**

- If you also need to save the blank pages, clear **Delete a page for separator**. However, the first page of each separated file will be blank.



- In **Detection Level**, you can select the detection level from **High**, **Medium**, or **Low**. When the level is high, light color documents and documents with show through are detected as blank pages.
- When the **Source** is set to **Double-sided** from **Scan Settings**, the **Include the back page during duplex scanning** item is displayed. When this is selected, you can also divide by using the back of a page if it is blank when scanning both sides of a document.

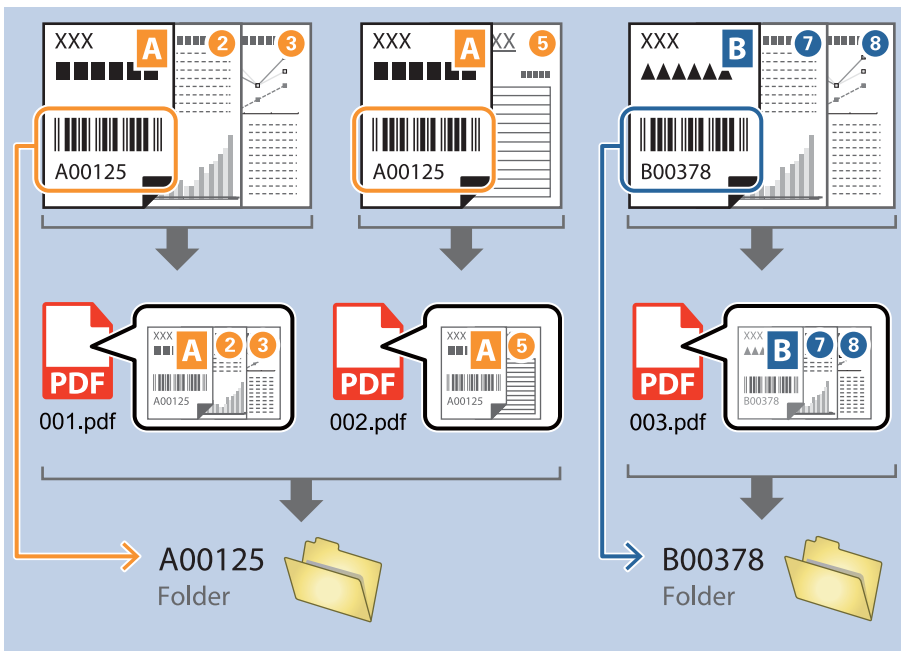
**Related Information**

- ➔ “Placing Originals” on page 33
- ➔ “Scanning Using Document Capture Pro (Windows)” on page 62

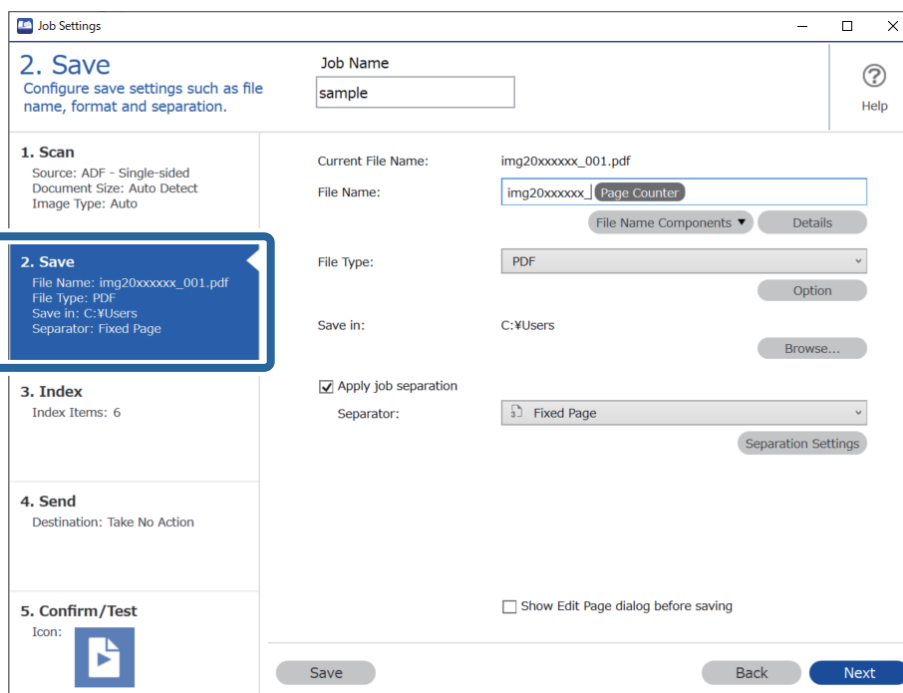
## Creating and saving folders using the barcode character information

Using the barcode information, you can divide files by each page on which a barcode is detected, and you can create and save folders using the text information in the barcode.

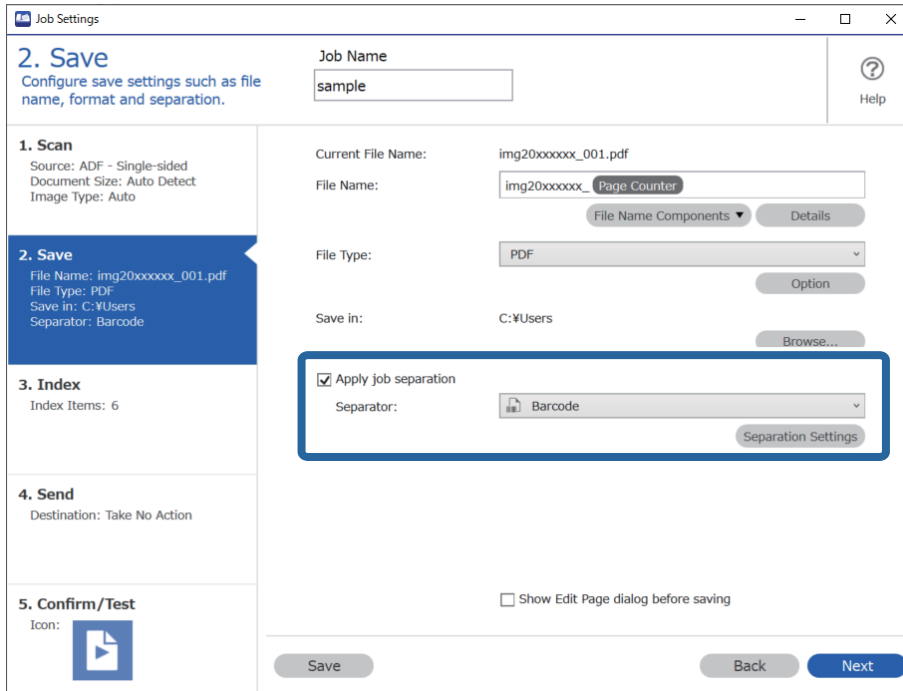
This section explains the job settings for "Sorting by barcode, and saving folder names using the text information in the barcode".



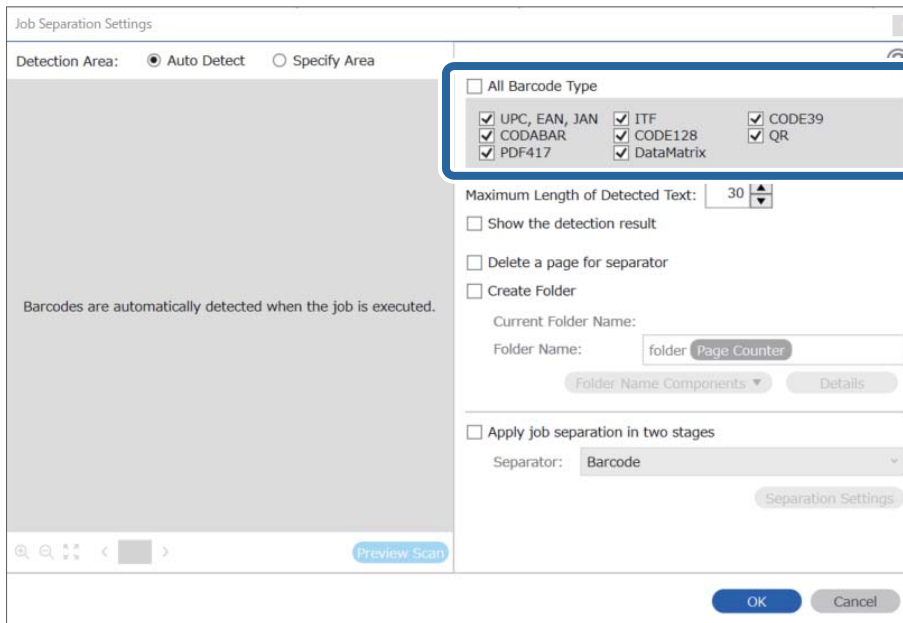
1. Display the **Job Settings** screen, and then click the **2. Save** tab.



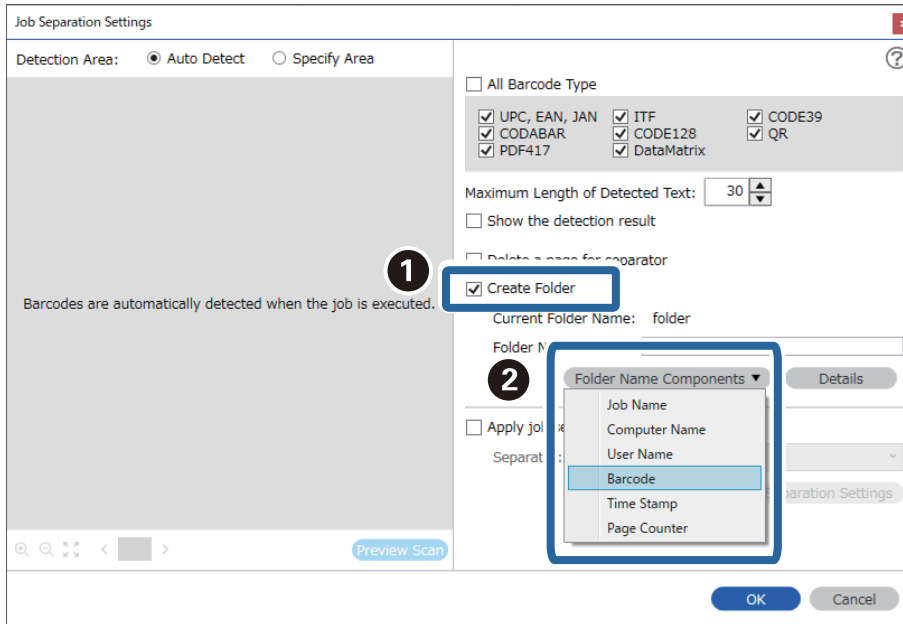
2. Select **Apply job separation**, set **Separator** to **Barcode**, and then click **Separation Settings**.



3. On the **Job Separation Settings** screen, select the type of barcode you want to use. To select individual barcode types, clear **All Barcode Type**.

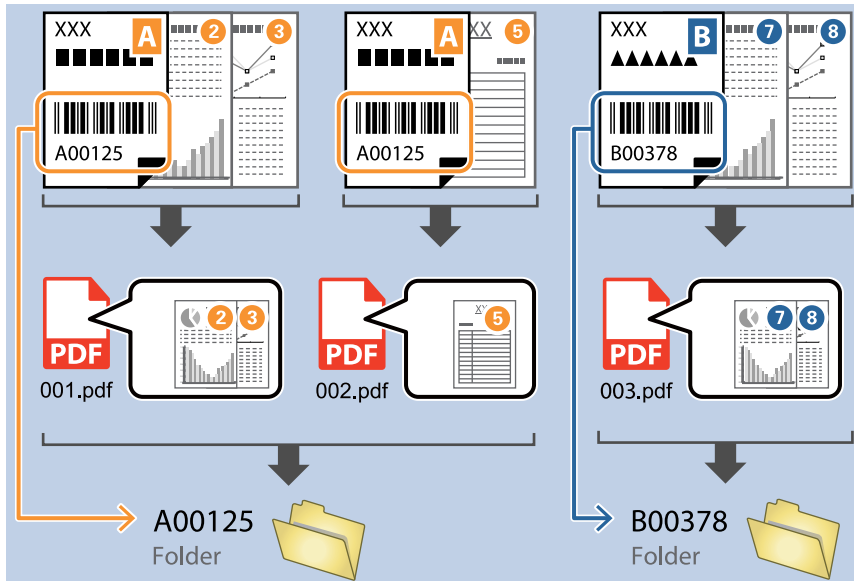


4. Check **Create Folder**, select **Barcode** from **Folder Name Components**.

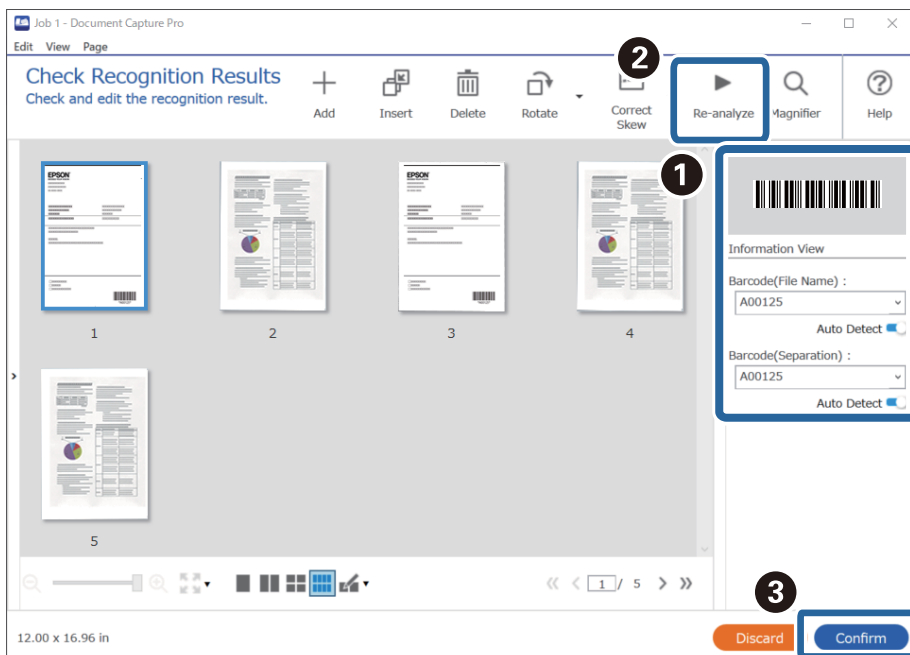


**Note:**

- ❑ You can specify the point at which the Folder Name Components will be inserted with your cursor.  
You can also drag and drop added items to change the order.  
To delete added items, select the added item and delete it using the Delete key on your keyboard.
- ❑ When using a 2D barcode that has a large number of informational items, make sure you specify the maximum length of text that can be detected in **Maximum Length of Detected Text**.
- ❑ If you do not need to save the pages with barcodes, select **Delete a page for separator**. Pages with barcodes are then deleted before the data is saved.



- ❑ Select **Show the detection result** to check whether or not barcode text has been recognized correctly. On the screen displayed after scanning, you can check the area and text that has been recognized. You can also re-specify the area, and correct the text.



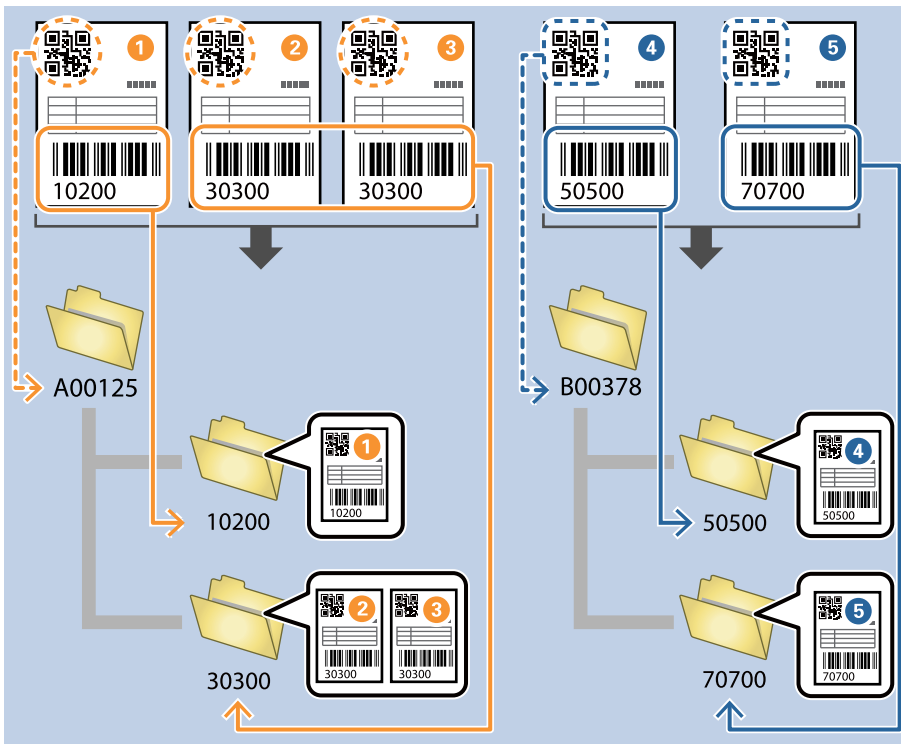
### Related Information

- ➔ “Placing Originals” on page 33
- ➔ “Scanning Using Document Capture Pro (Windows)” on page 62

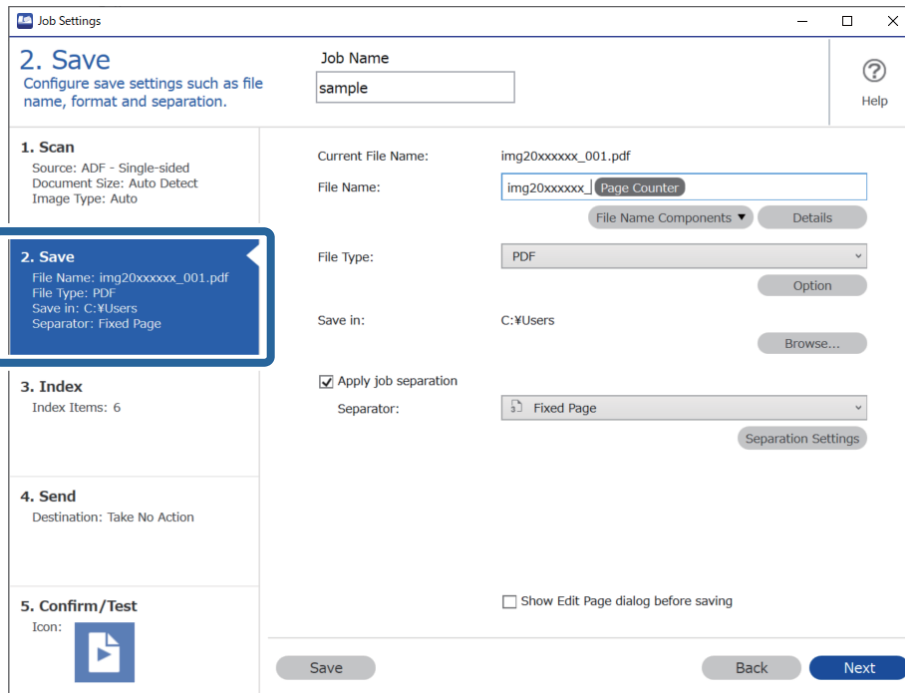
## Creating two levels of folders using two types of barcode

You can create and save two levels of folders in a folder tree using two types of barcode information on the documents.

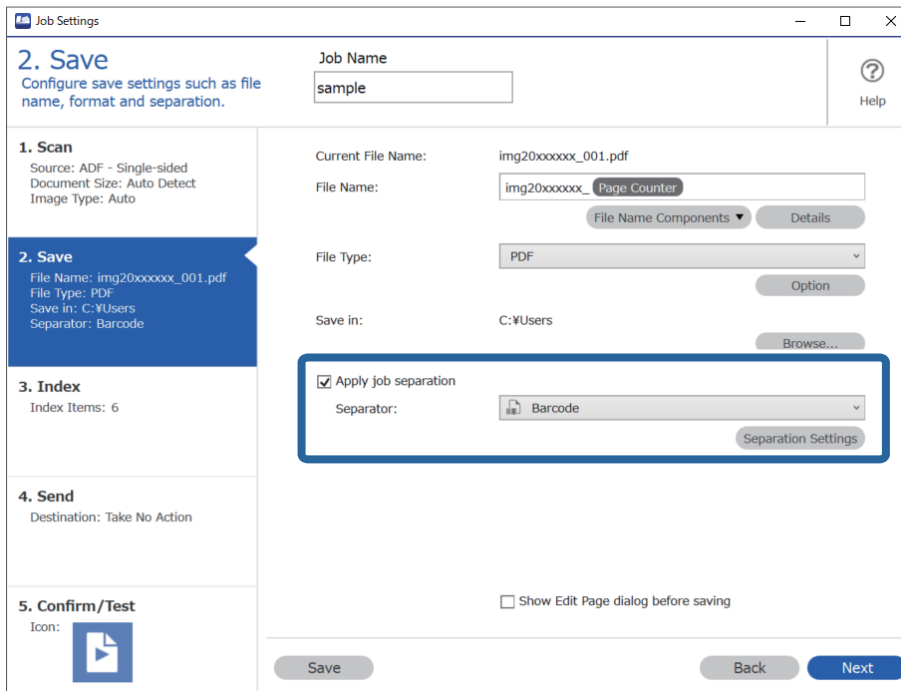
This section explains the job settings for "Creating a folder using the first barcode information, and then creating a folder at a lower level in the folder tree using different barcode information".



1. Display the **Job Settings** screen, and then click the **2. Save** tab.

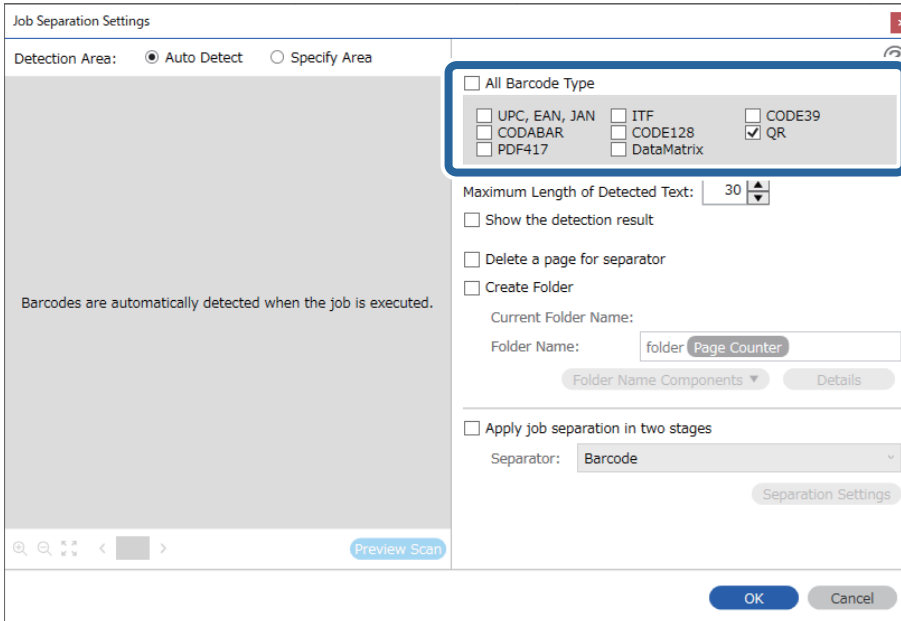


2. Select **Apply job separation**, set **Separator** to **Barcode**, and then click **Separation Settings**.

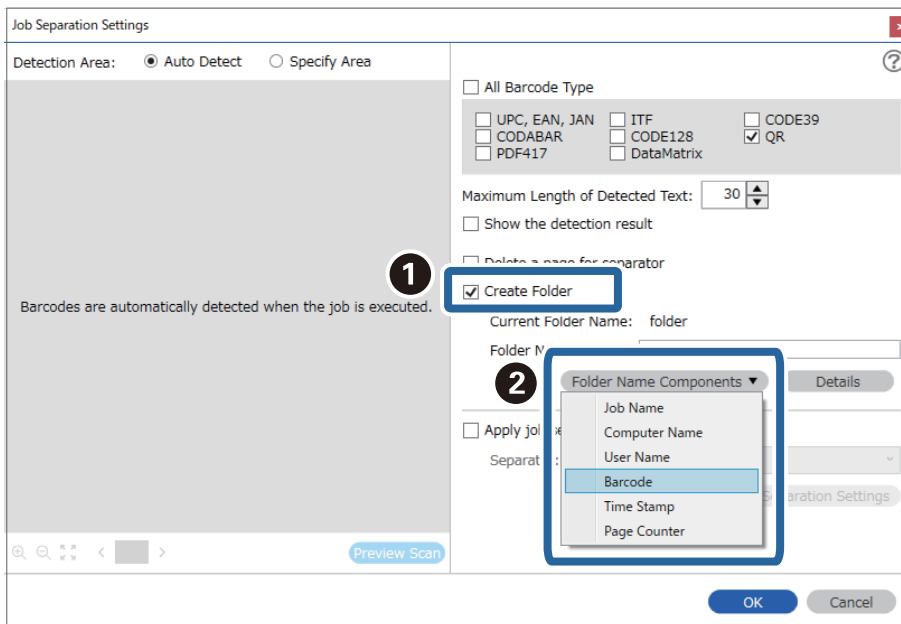


3. On the **Job Separation Settings** screen, select the type of barcode you want to use for the first folder. To select individual barcode types, clear **All Barcode Type**.

In this example, the QR code has been selected.



4. Check **Create Folder**, select **Barcode** from **Folder Name Components**.



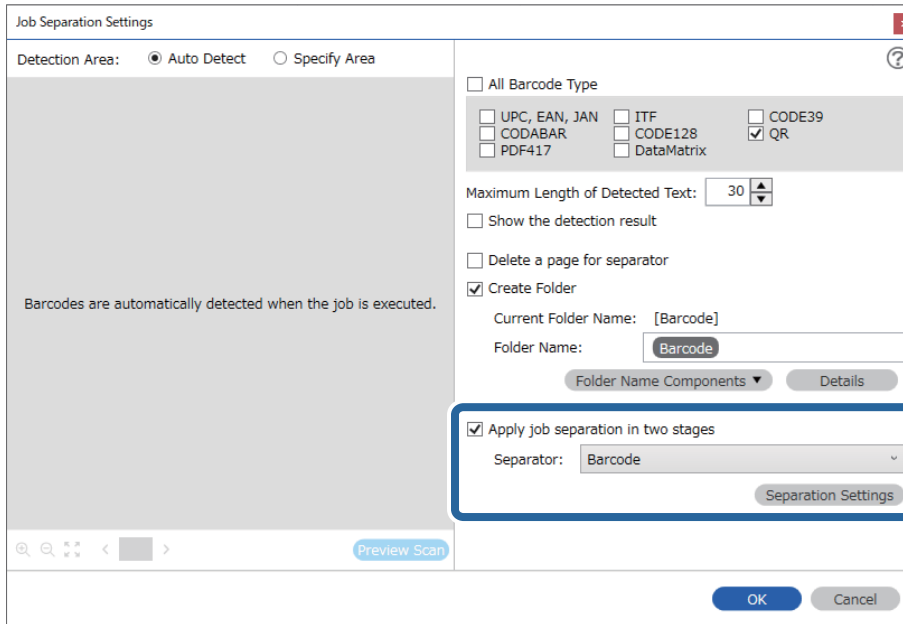
**Note:**

You can specify the point at which the **Folder Name Components** will be inserted with your cursor.

You can also drag and drop added items to change the order.

To delete added items, select the added item and delete it using the Delete key on your keyboard.

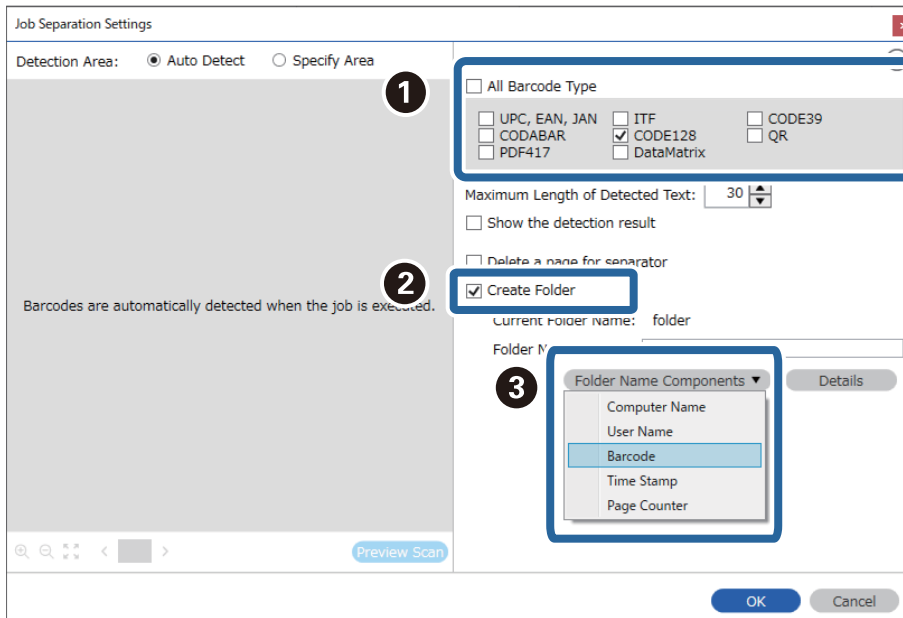
5. Select **Apply job separation in two stages**, set **Separator** to **Barcode**, and then click **Separation Settings**.



6. Additionally, on the **Job Separation Settings** screen, select the type of barcode you want to use for the second folder, select **Create Folder**, and then select **Barcode** from **Folder Name Components** and add to **Folder Name**.

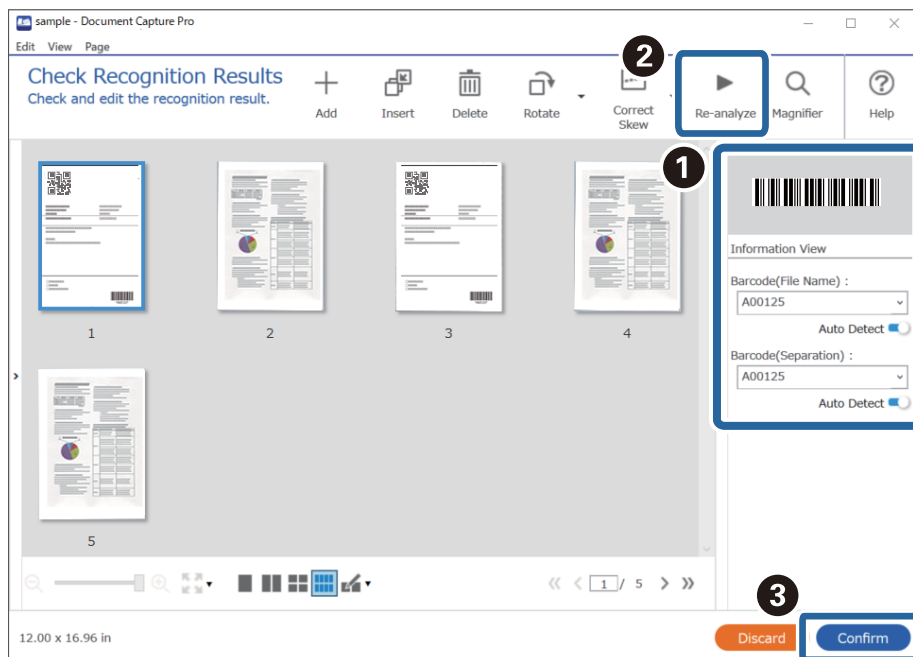
To select individual barcode types, clear **All Barcode Type**.

In this example, **CODE128** has been selected.



**Note:**

- ❑ You can specify the point at which the **Folder Name Components** will be inserted with your cursor.  
You can also drag and drop added items to change the order.  
To delete added items, select the added item and delete it using the Delete key on your keyboard.
- ❑ When using a 2D barcode that has a large number of informational items, make sure you specify the maximum length of text that can be detected in **Maximum Length of Detected Text**.
- ❑ Select **Show the detection result** to check whether or not barcode text has been recognized correctly. On the screen displayed after scanning, you can check the area and text that has been recognized. You can also re-specify the area, and correct the text.



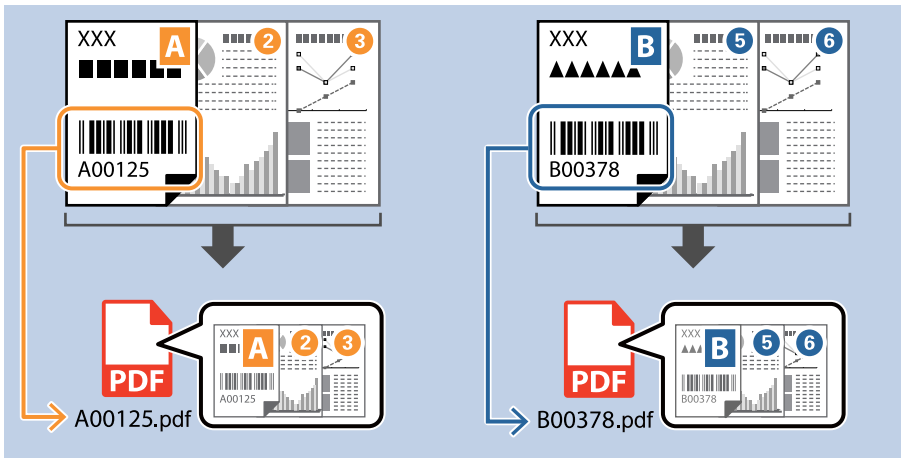
**Related Information**

- ➔ [“Placing Originals” on page 33](#)
- ➔ [“Scanning Using Document Capture Pro \(Windows\)” on page 62](#)

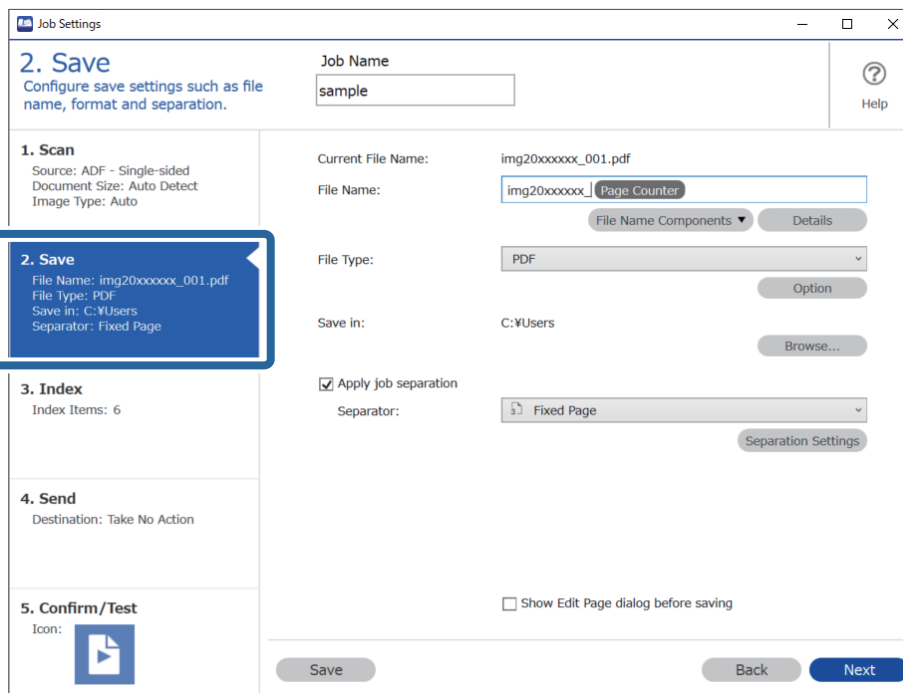
**Saving files with file names using the barcode character information**

Using the barcode information, you can divide files by each page on which a barcode is detected, and you can create and save folders using the text information in the barcode.

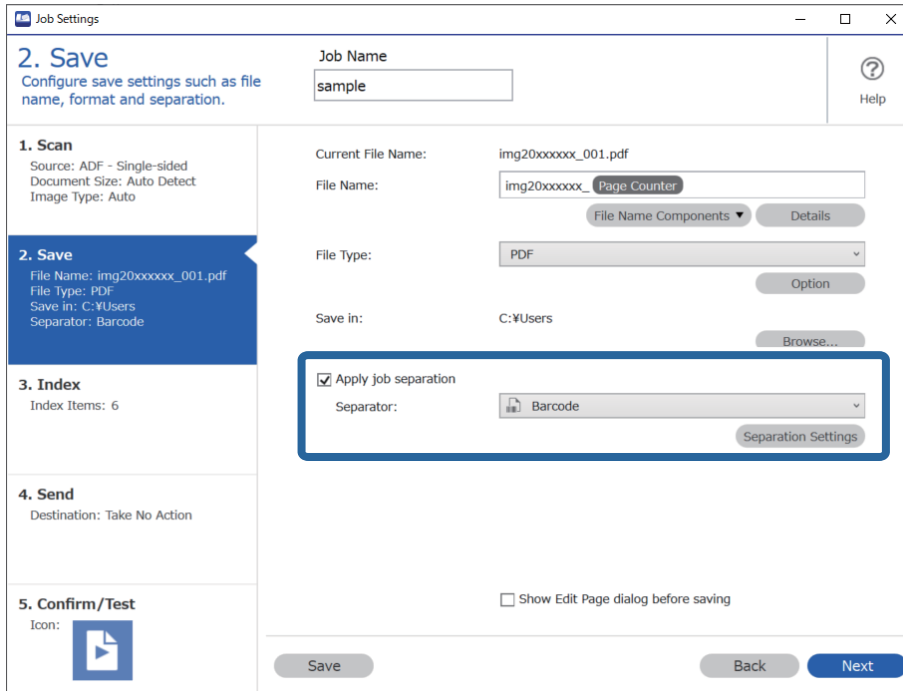
This section explains the job settings for "Sorting by barcode, and saving files with file names using the text information in the barcode".



1. Display the **Job Settings** screen, and then click the **2. Save** tab.

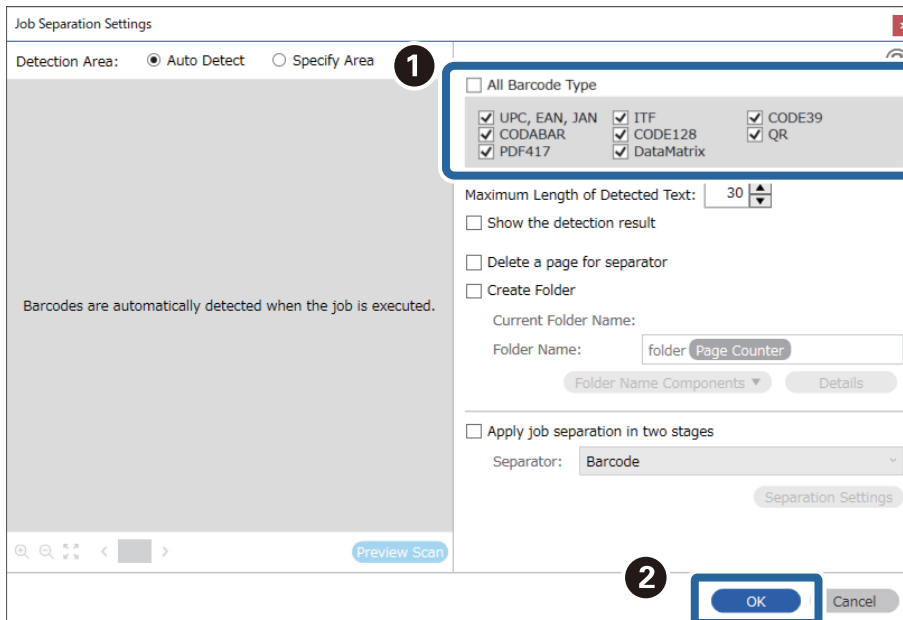


2. Select **Apply job separation**, set **Separator** to **Barcode**, and then click **Separation Settings**.

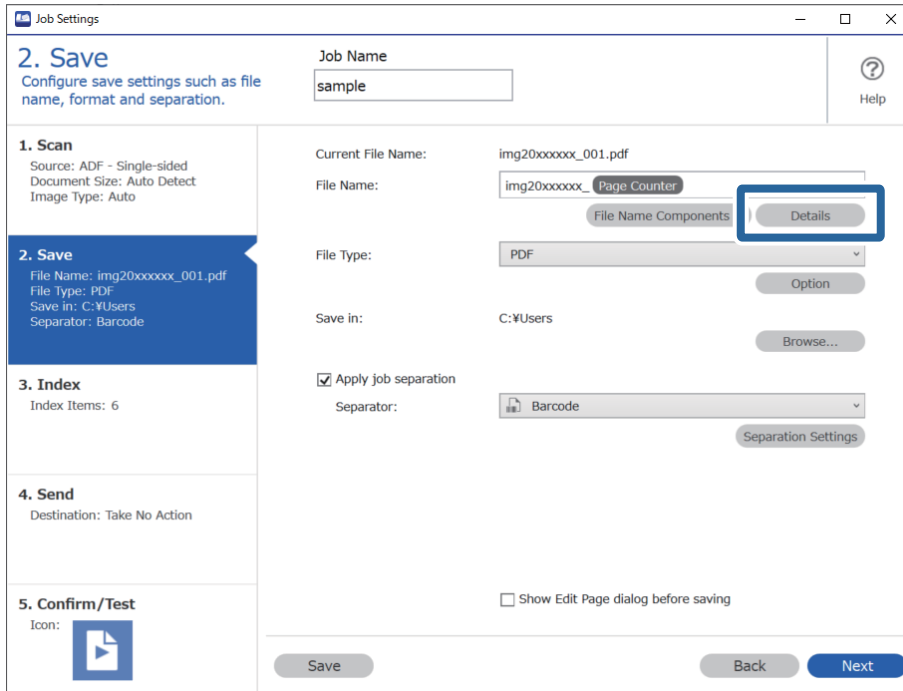


3. On the **Job Separation Settings** screen, select the type of barcode you want to use (placed in the document). Click **OK** to return to the **Job Settings** screen.

To select individual barcode types, clear **All Barcode Type**.



4. Click **Details**.

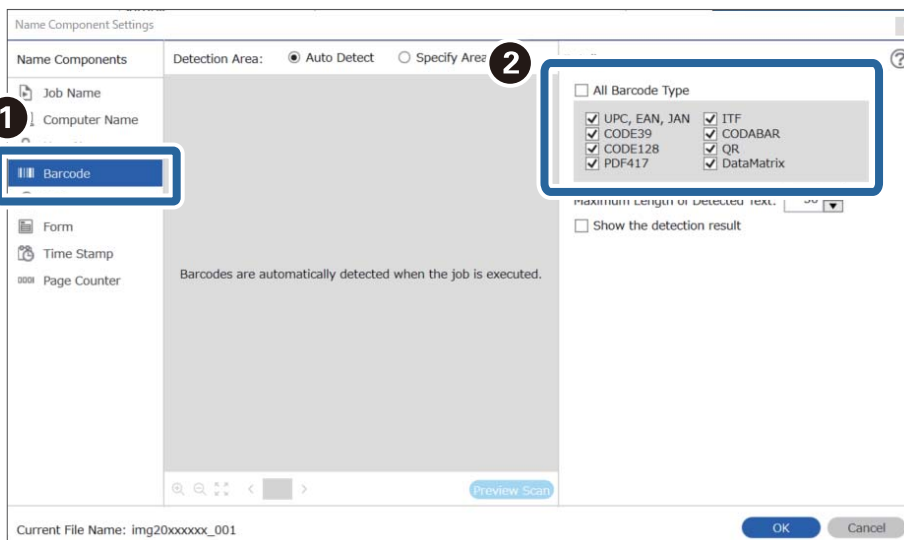


**Note:**

To select **Barcode** from **File Name Components**, make the setting from **Details** and then select it.

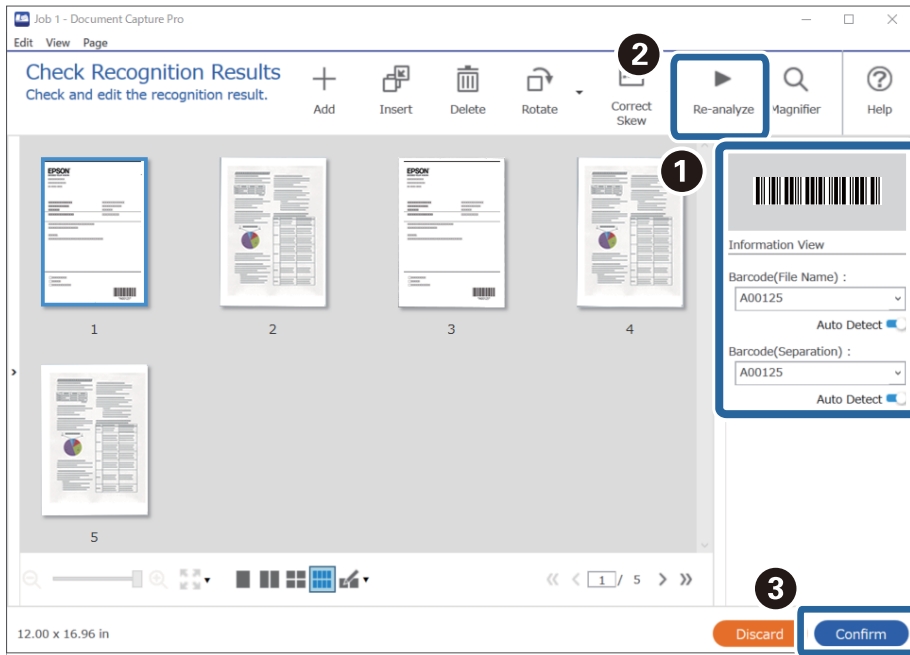
5. On the **Name Component Settings** screen, click **Barcode**, and then select the barcode type you want to use (which is on the original).

Set the same barcode as set in step 3.

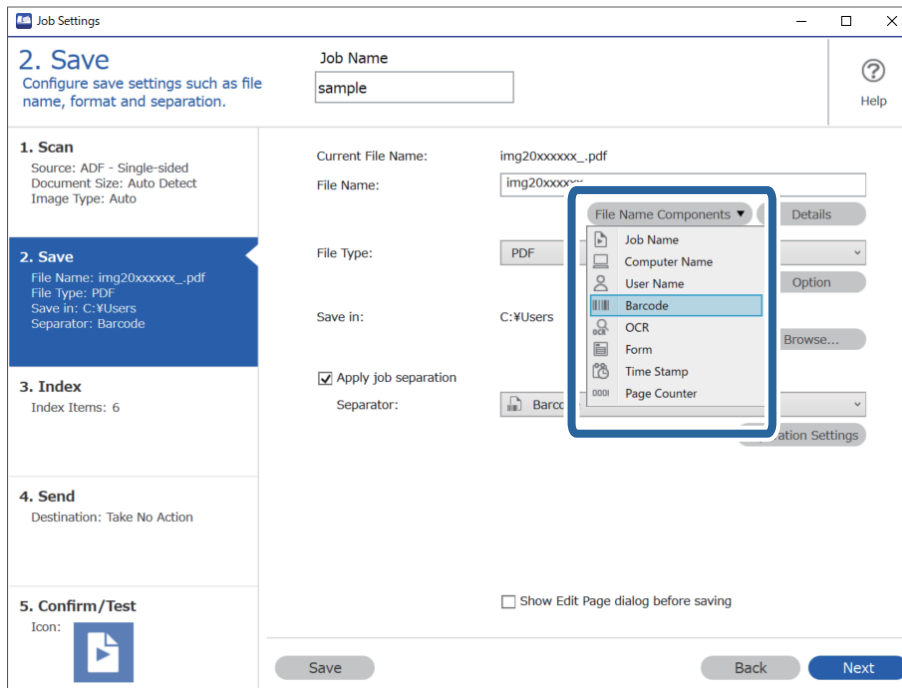


**Note:**

- ❑ When using a 2D barcode that has a large number of informational items, make sure you specify the maximum length of text that can be detected in **Maximum Length of Detected Text**.
- ❑ Select **Show the detection result** to check whether or not barcode text has been recognized correctly. On the screen displayed after scanning, you can check the area and text that has been recognized. You can also re-specify the area, and correct the text.



6. Select **Barcode** from **File Name Components**.



**Barcode** is added to **File Name**.

**Note:**

You can specify the point at which the **File Name Components** will be inserted with your cursor.

You can also drag and drop added items to change the order.

To delete added items, select the added item and delete it using the Delete key on your keyboard.

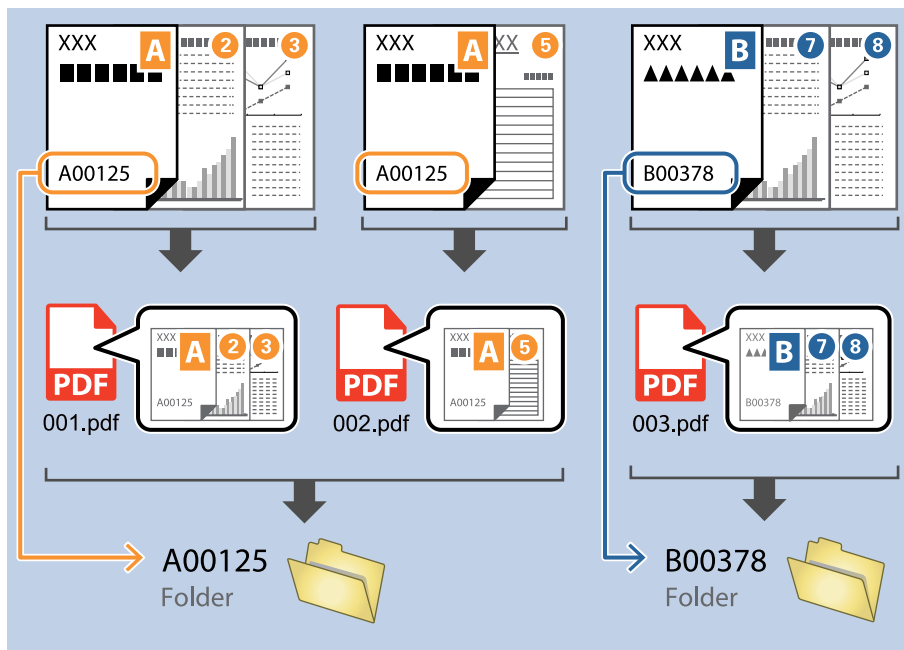
**Related Information**

- ➔ “Placing Originals” on page 33
- ➔ “Scanning Using Document Capture Pro (Windows)” on page 62

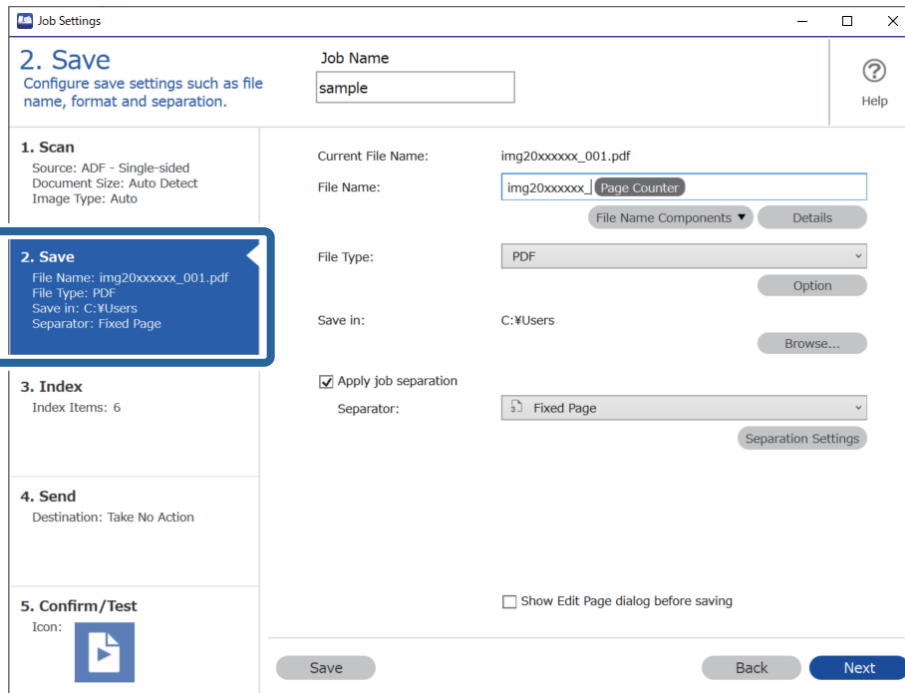
## Creating and saving folders using OCR characters

Using OCR (a function for detecting text in scanned images and converting it to readable text), you can divide files by using the text read from a specific area, and then create and save folders using the recognized text.

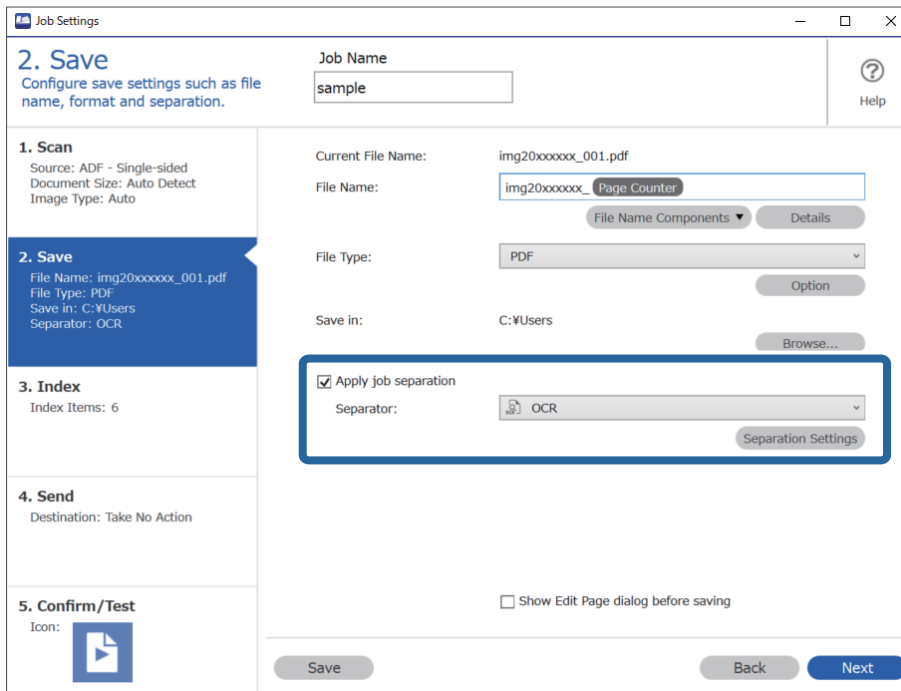
This section explains the job settings for "Creating and saving folders using the text read in OCR".



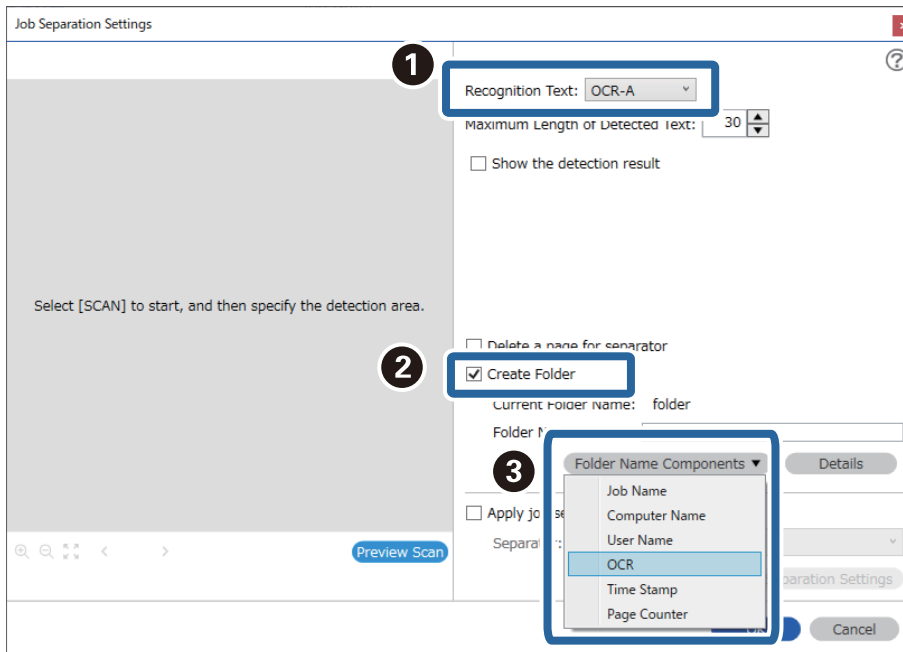
1. Display the **Job Settings** screen, and then click the **2. Save** tab.



2. Select **Apply job separation**, set **Separator** to **OCR**, and then click **Separation Settings**.



- On the **Job Separation Settings** screen, select the language of the text being read from **Recognition Text**. Select **Create Folder**, and then select **OCR** from **Folder Name Components**.



OCR is added to **Folder Name**.

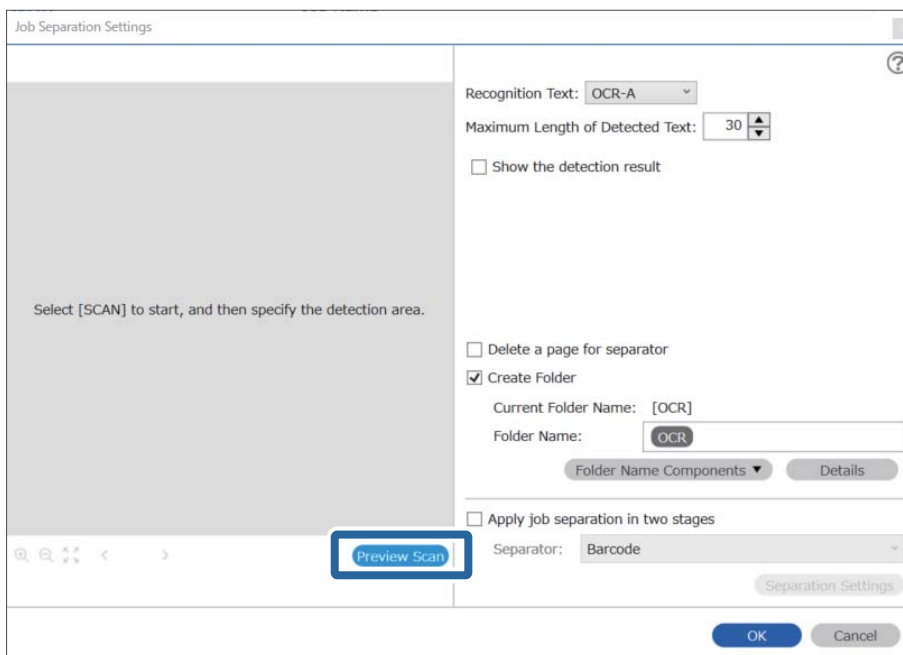
**Note:**

You can specify the point at which the **Folder Name Components** will be inserted with your cursor.

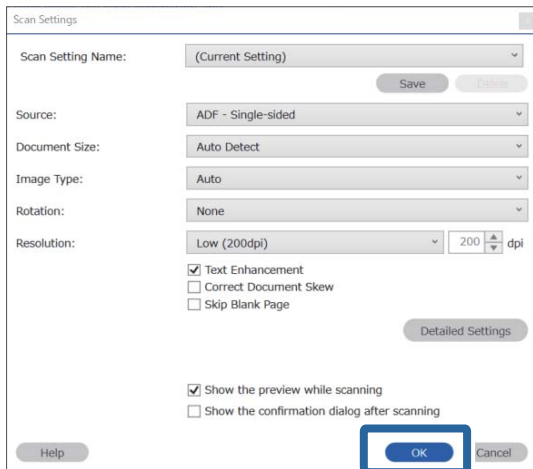
You can also drag and drop added items to change the order.

To delete added items, select the added item and delete it using the Delete key on your keyboard.

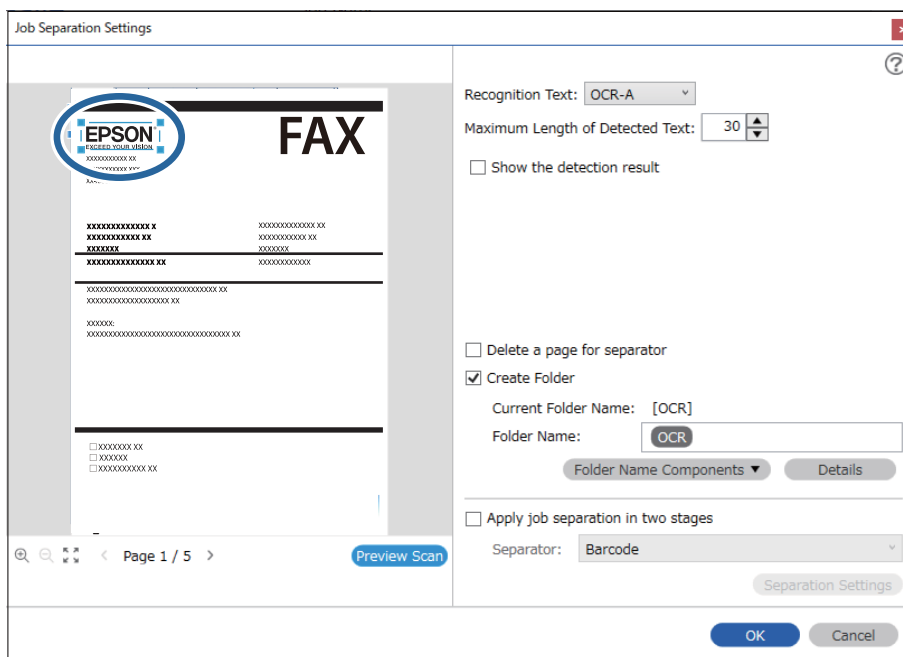
- To set the OCR text detection area, place the document on the scanner, and then click **Preview Scan**.



- Click OK on the Scan Settings screen.

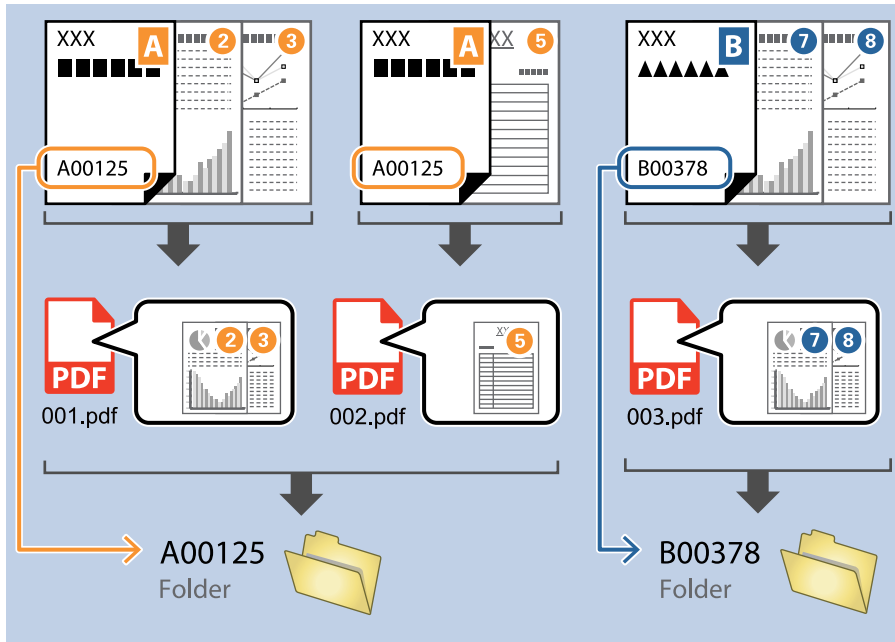


- In the scanned preview image, specify the text detection area. Click the starting point, and then drag to display a blue border to specify the text detection area.

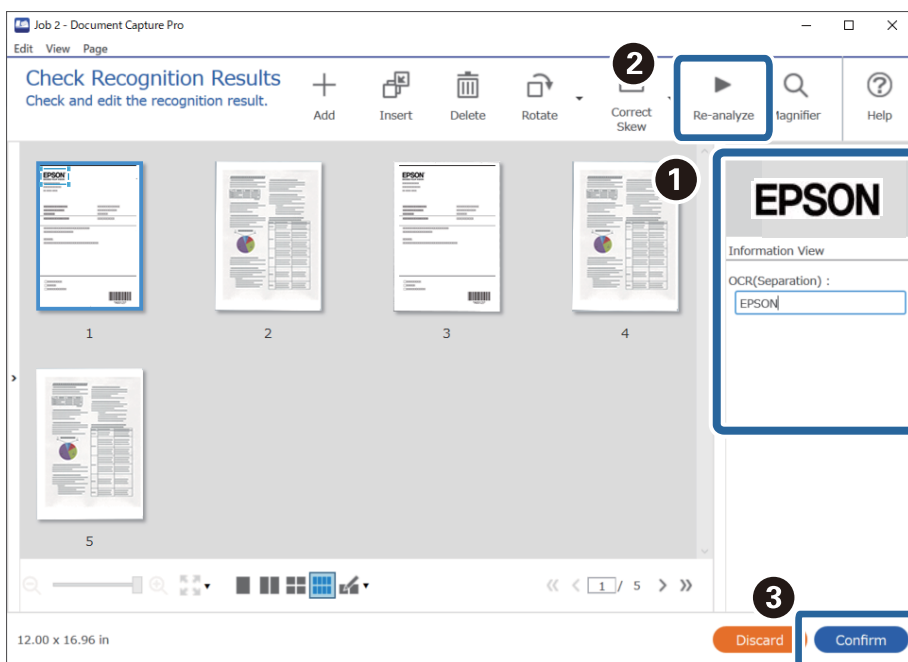


**Note:**

- ❑ In **Maximum Length of Detected Text**, you can specify the maximum number of characters used for the folder name from the text detected in the specified area.
- ❑ If you do not need to save the pages used for sorting, select **Delete a page for separator**. Unnecessary pages are then deleted before the data is saved.



- ❑ Select **Show the detection result** to check whether or not text has been read correctly. On the screen displayed after scanning, you can check the area and text that has been recognized. You can also re-specify the area, and correct the text.



**Related Information**

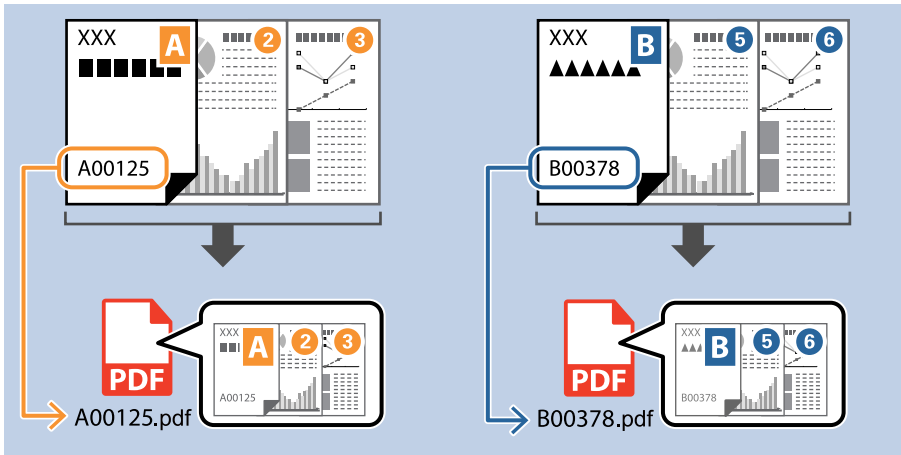
➔ “Placing Originals” on page 33

➔ “Scanning Using Document Capture Pro (Windows)” on page 62

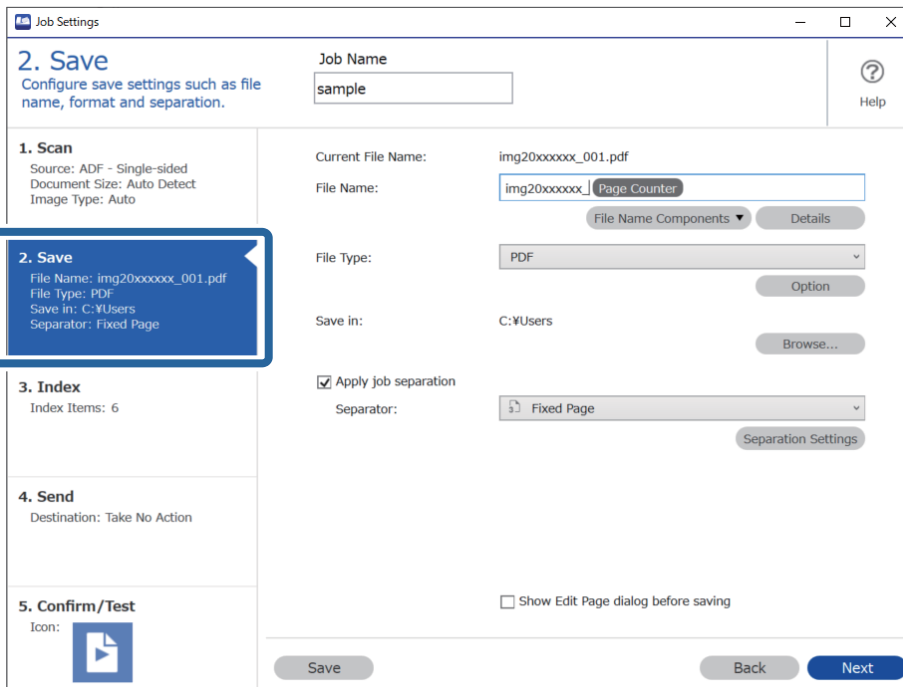
## Saving files with file names using OCR characters

Using OCR (a function for detecting text in scanned images and converting it to readable text), you can read the text from the specific area, and then save files with file names using the recognized text.

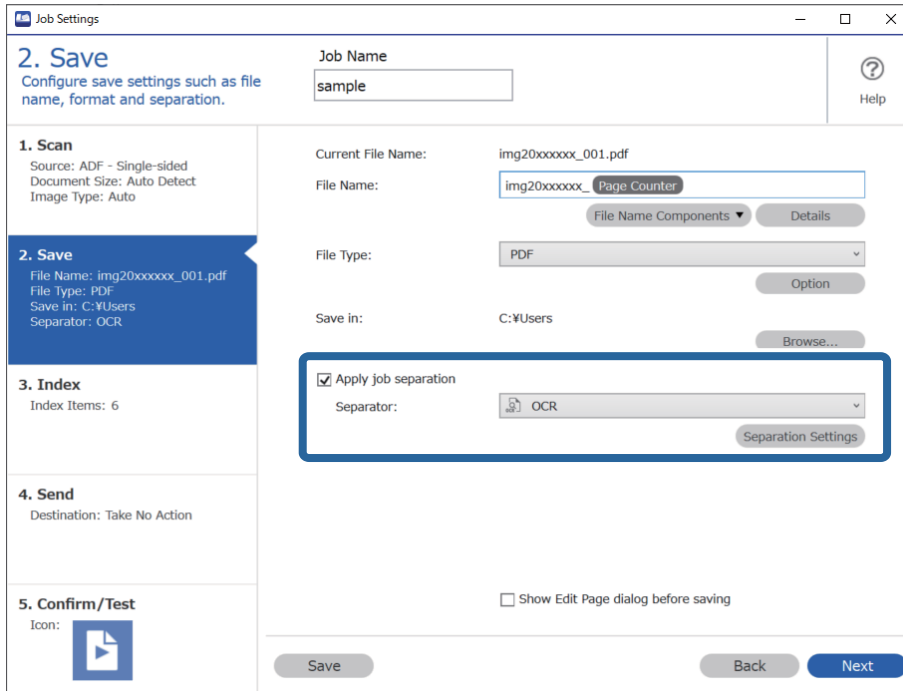
This section explains the job settings for "Saving files using the text read in OCR".



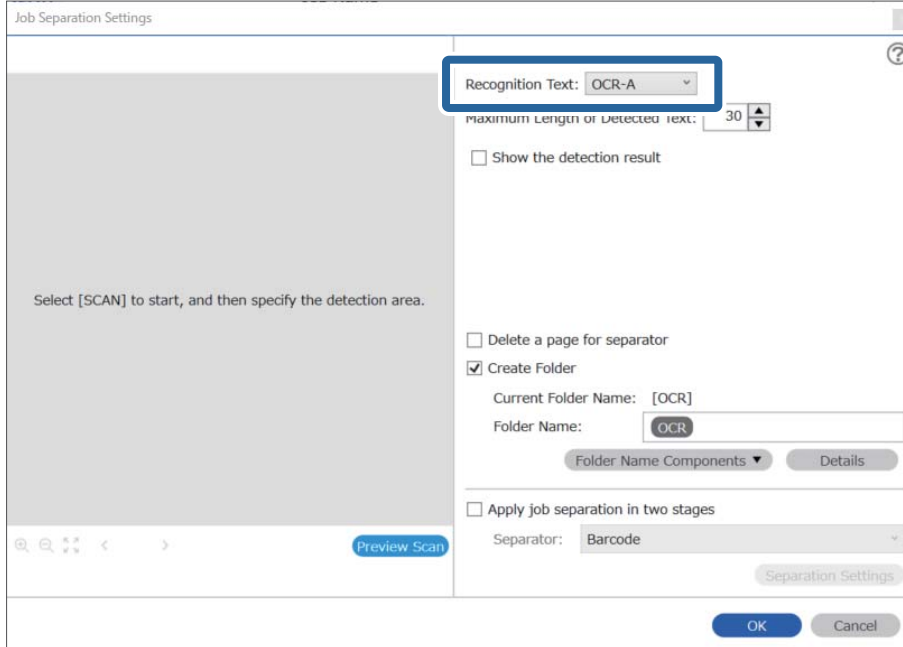
1. Display the **Job Settings** screen, and then click the **2. Save** tab.



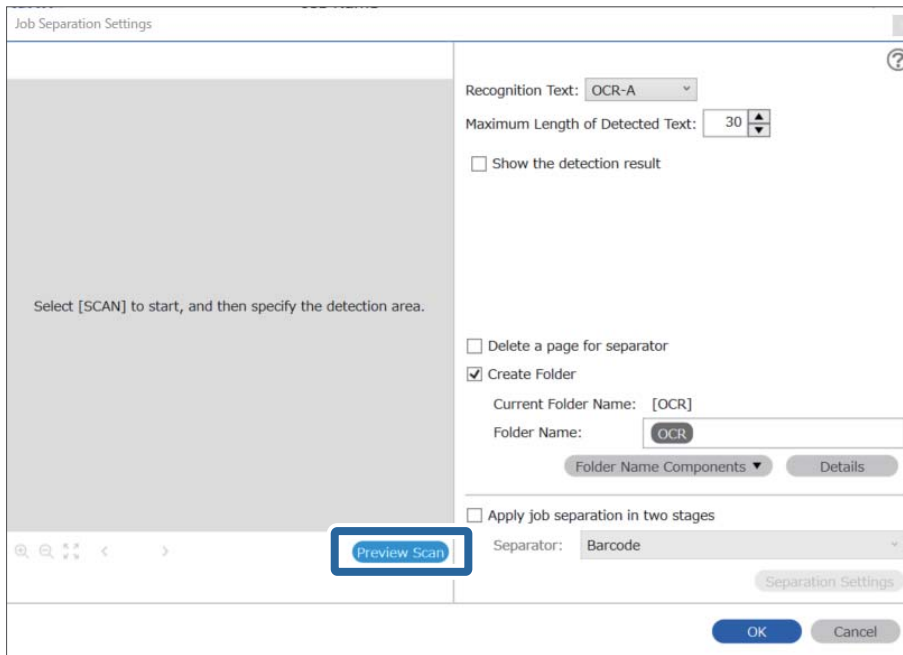
2. Select **Apply job separation**, set **Separator** to **OCR**, and then click **Separation Settings**.



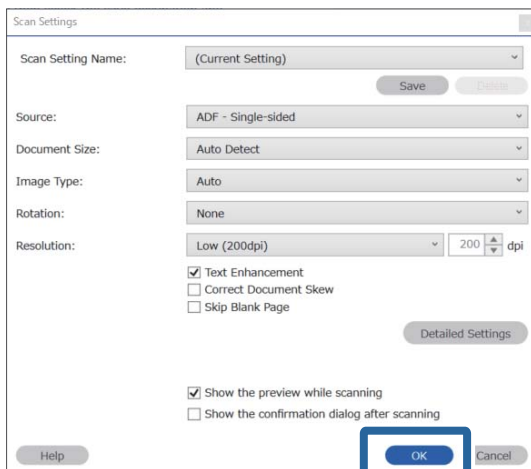
3. On the **Job Separation Settings** screen, select the language of the text being read from **Recognition Text**.



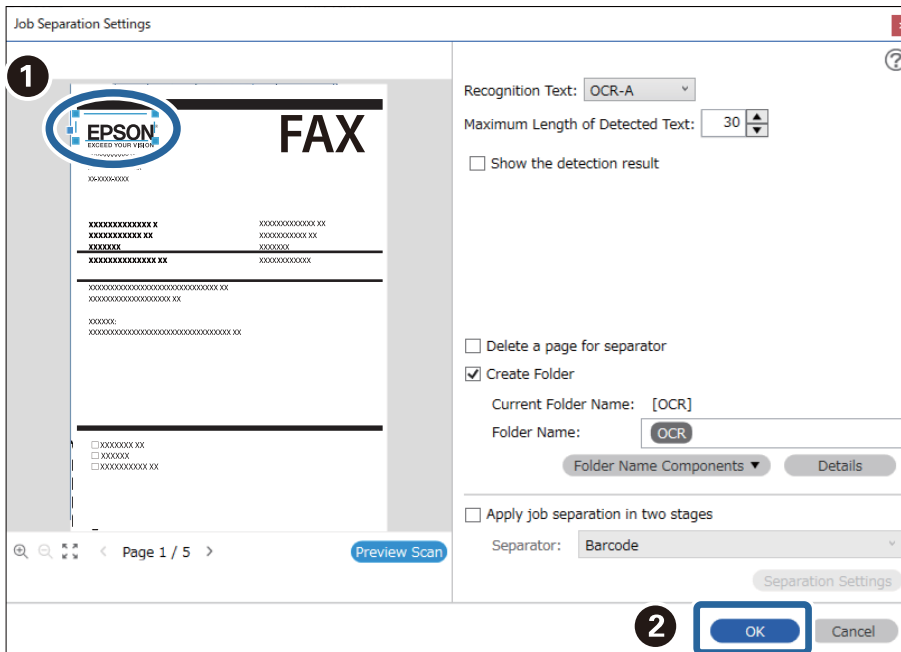
4. To set the OCR text detection area, place the document on the scanner, and then click **Preview Scan**.



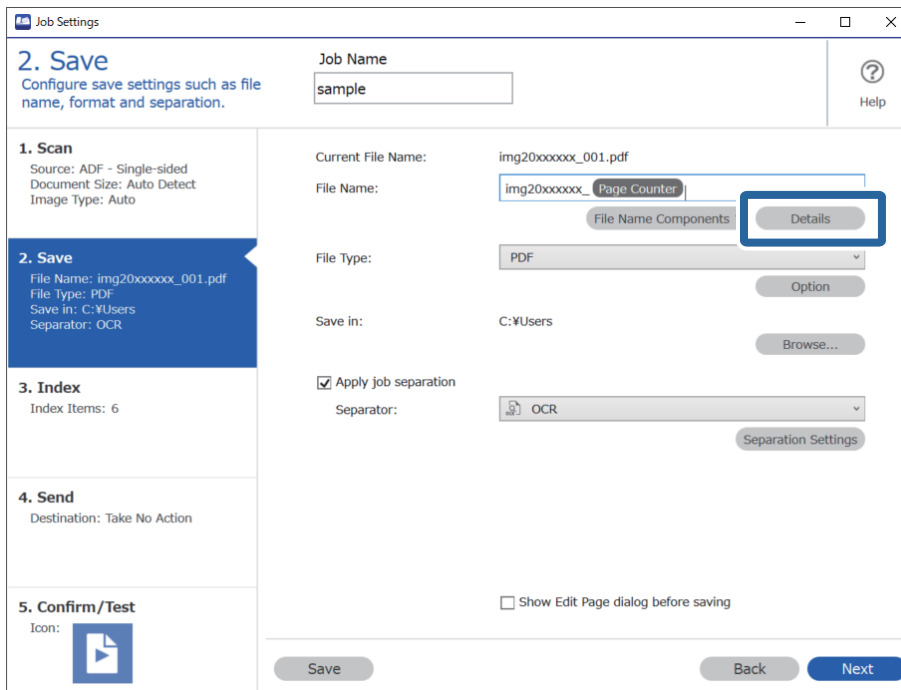
5. Click **OK** on the **Scan Settings** screen.



- In the scanned preview image, specify the text detection area. Click the starting point and drag to display an expanding blue border to specify the text detection area. Click **OK** to return to the **Job Settings** screen.



- Click **Details**.

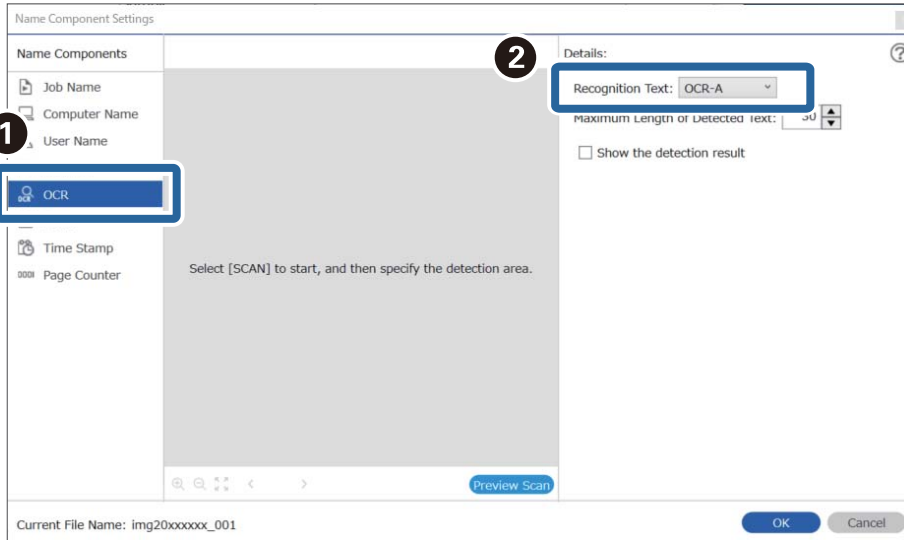


**Note:**

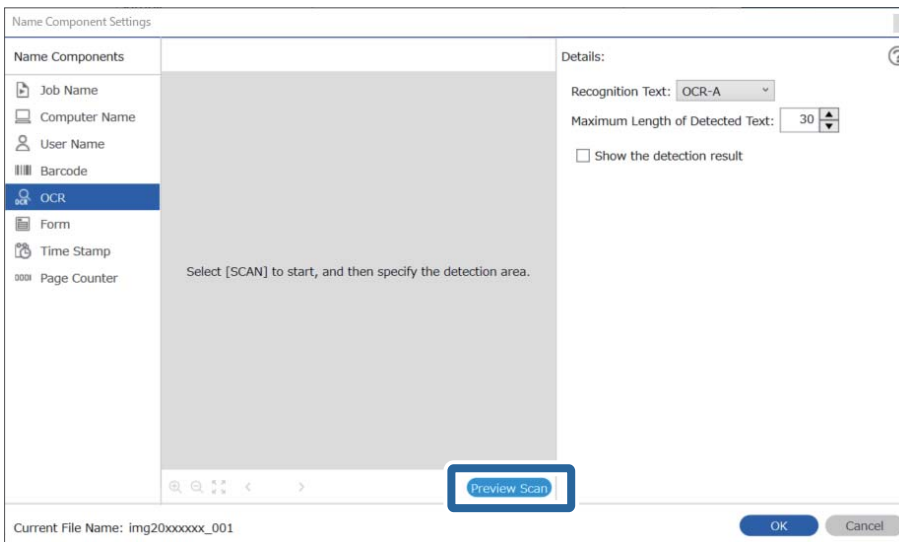
To select **OCR** from **File Name Components**, make the setting from **Details** and then select it.

8. On the **Name Component Settings** screen, click **OCR**, and then select the language of the text being read from **Recognition Text**.

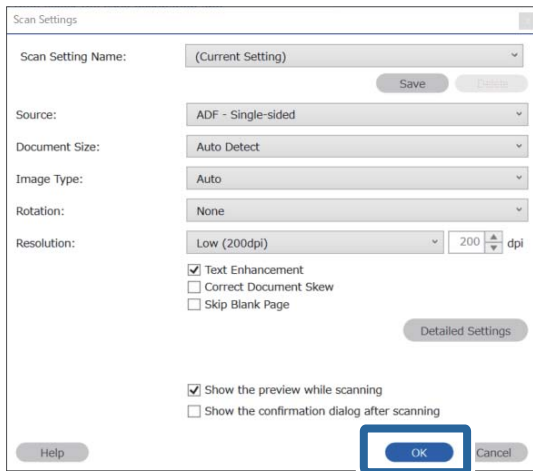
Set the same language for the text as set in step 3.



9. To set the OCR text detection area, place the document on the scanner, and then click **Preview Scan**.

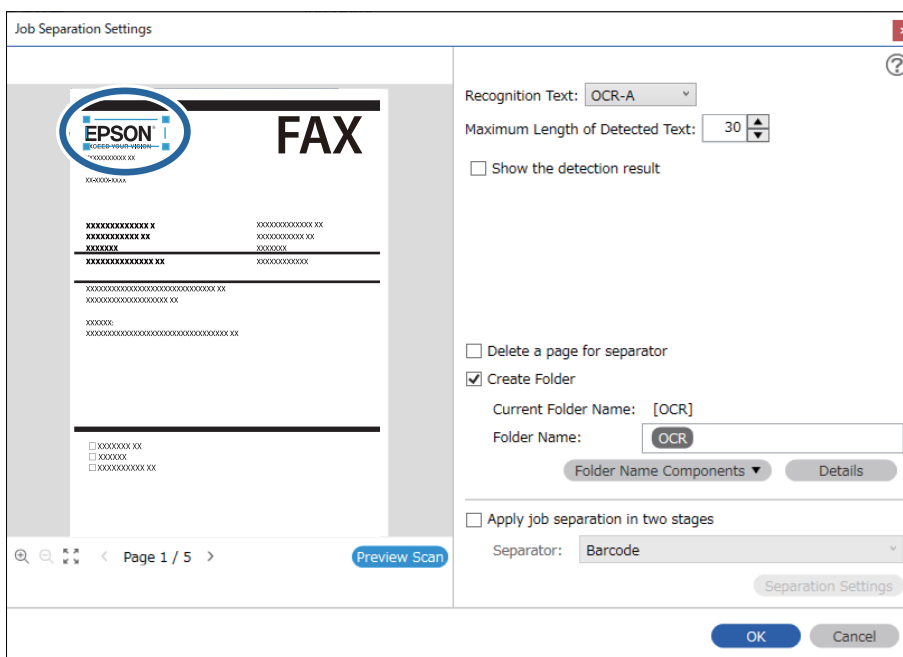


- Click OK on the Scan Settings screen.



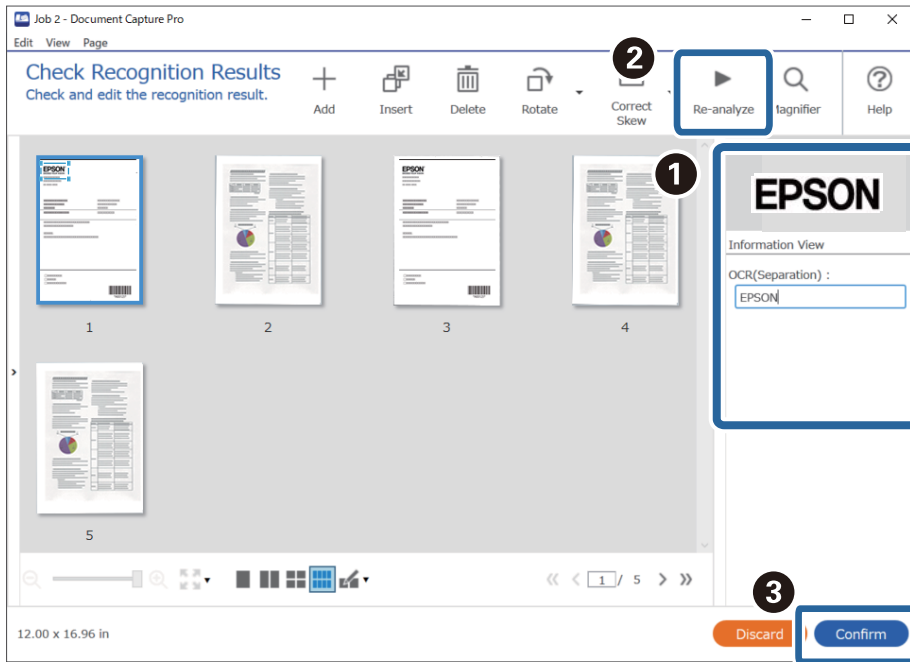
- In the scanned preview image, specify the text detection area. Click the starting point, and then drag to display a blue border to specify the text detection area.

Specify the same area as set in step 5.

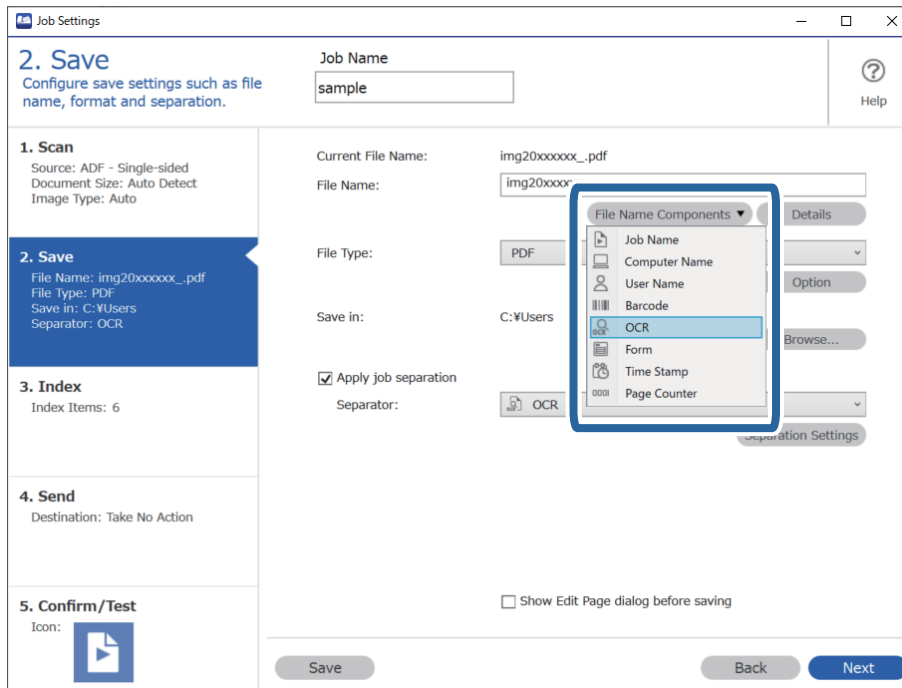


**Note:**

- ❑ In **Maximum Length of Detected Text**, you can specify the maximum number of characters used for the file name from the text detected in the specified area.
- ❑ Select **Show the detection result** to check whether or not text has been read correctly. On the screen displayed after scanning, you can check the area and text that has been recognized. You can also re-specify the area, and correct the text.



12. Select OCR from File Name Components.



**Note:**

You can specify the point at which the **File Name Components** will be inserted with your cursor.

You can also drag and drop added items to change the order.

To delete added items, select the added item and delete it using the Delete key on your keyboard.

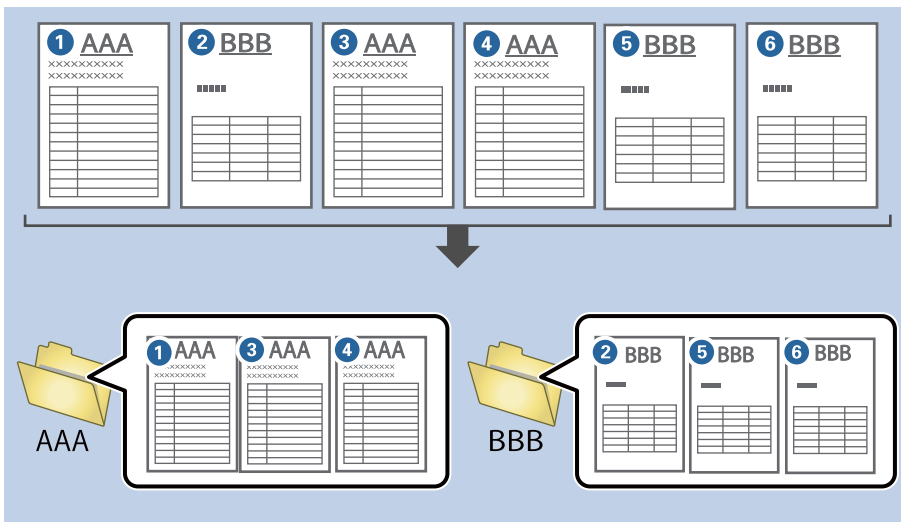
**Related Information**

- ➔ [“Placing Originals” on page 33](#)
- ➔ [“Scanning Using Document Capture Pro \(Windows\)” on page 62](#)

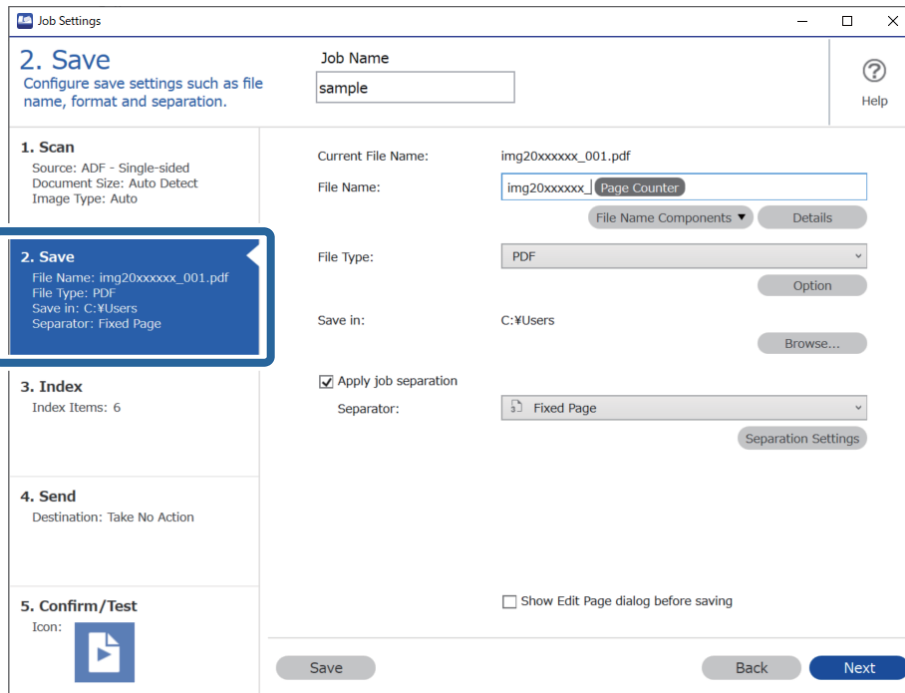
## Creating and saving folders for each form

By using registered form information, you can separate scanned data by form type, and create and save folders.

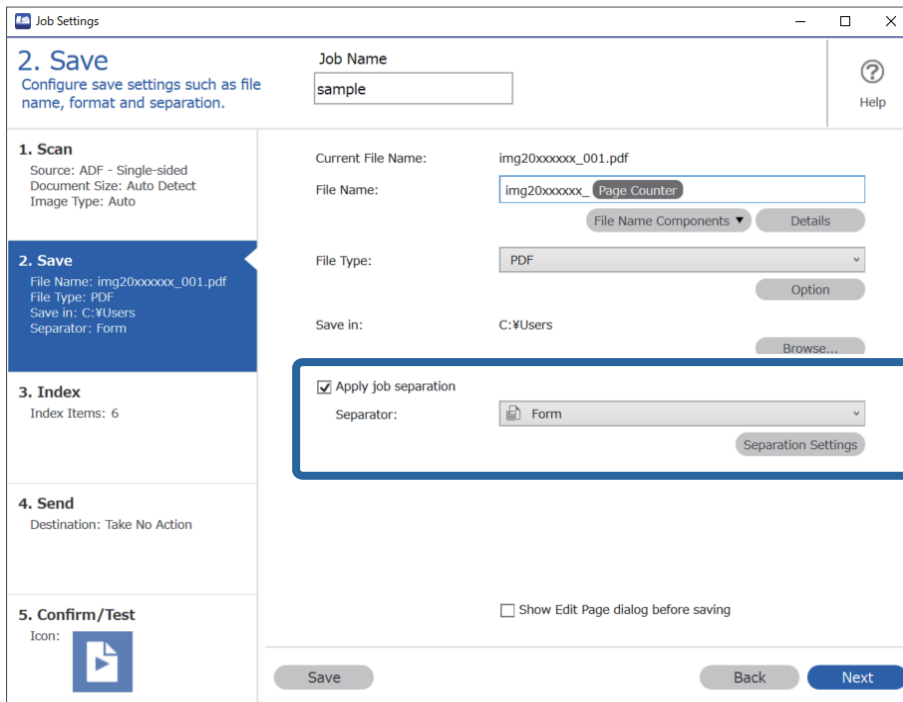
This section explains the job settings for “Separating by form and saving using the form type as the folder name”.



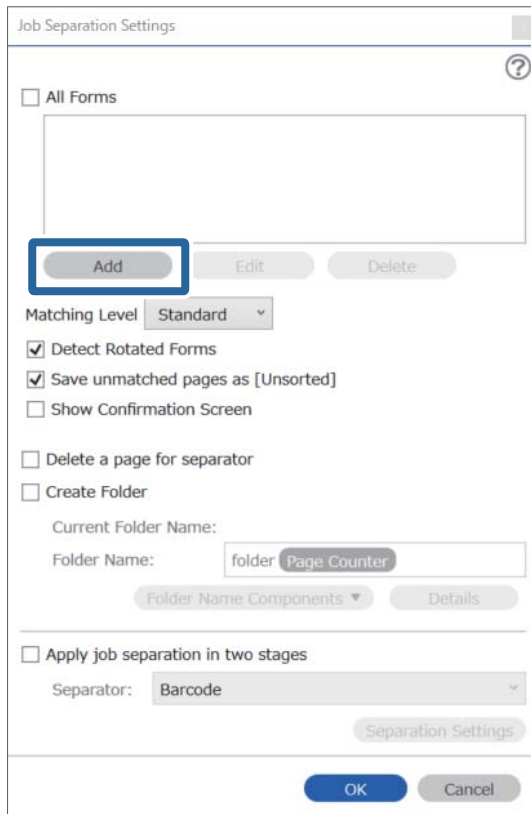
1. Display the **Job Settings** screen, and then click the **2. Save** tab.



2. Select **Apply job separation**, select **Form** in **Separator**, and then click **Separation Settings**.



3. Click **Add** on the Job Separation Settings screen.



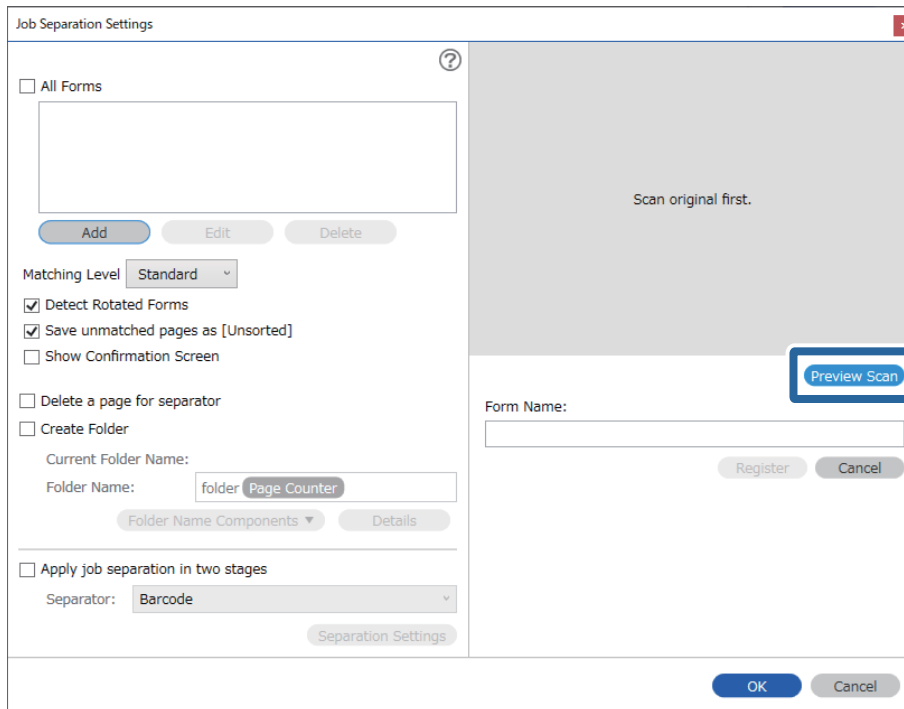
The screenshot shows the 'Job Separation Settings' dialog box. At the top left, there is a checkbox labeled 'All Forms'. Below it is a large empty rectangular area. Underneath this area are three buttons: 'Add', 'Edit', and 'Delete'. The 'Add' button is highlighted with a blue rectangular box. Below the buttons is a 'Matching Level' dropdown menu set to 'Standard'. There are several checkboxes: 'Detect Rotated Forms' (checked), 'Save unmatched pages as [Unsorted]' (checked), 'Show Confirmation Screen' (unchecked), 'Delete a page for separator' (unchecked), and 'Create Folder' (unchecked). Below 'Create Folder' is a 'Current Folder Name:' label and a 'Folder Name:' input field containing 'folder Page Counter'. There are two buttons below the input field: 'Folder Name Components' and 'Details'. At the bottom, there is a 'Separator:' dropdown menu set to 'Barcode' and a 'Separation Settings' button. At the very bottom of the dialog are 'OK' and 'Cancel' buttons.

**Note:**

*If you want to use a form for separation that has already been registered, select the form name.*

*To edit form information that has already been registered, select the form, and then click **Edit**.*

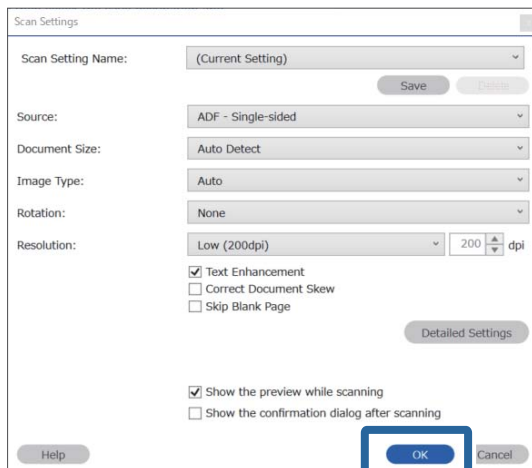
4. Place the original of the form you want to register on the scanner, and then click **Preview Scan**.



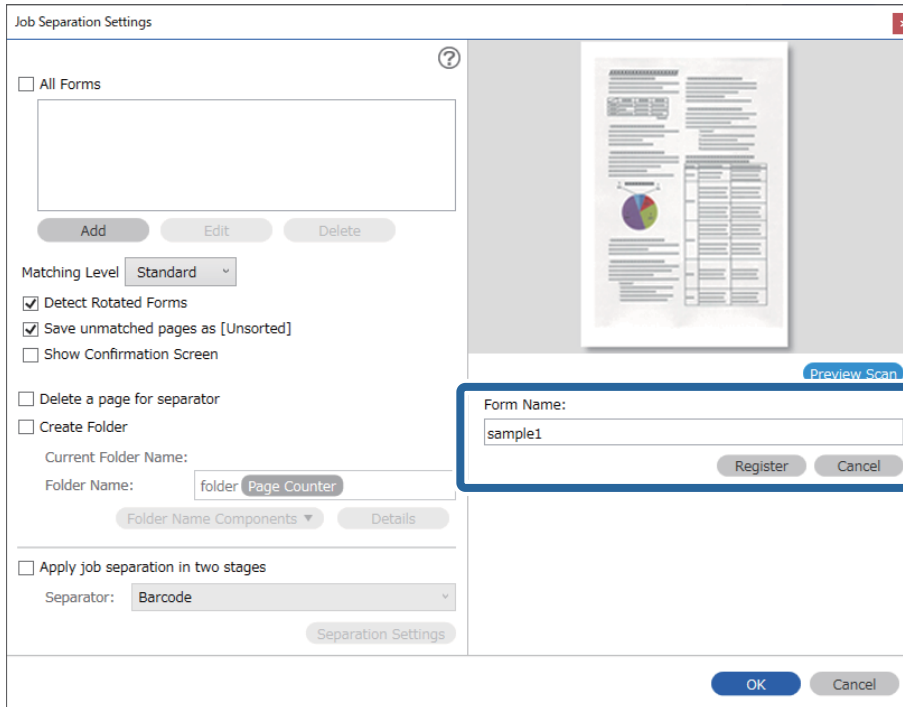
**Note:**

*Only one page of form information is saved even if there are multiple originals.*

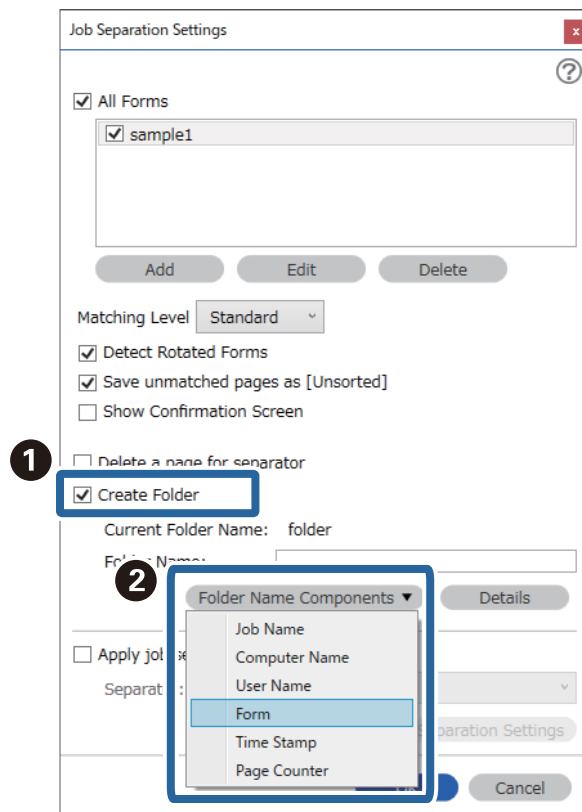
5. Make scan settings on the **Scan Settings** screen, and then click **OK**.



6. Enter a name for the form, and then click **Register**.



7. Repeat steps 3 to 6 to register all of the form information you want to use for separating.
8. Select **Create Folder**, and then select **Form** from **Folder Name Components**.



**Form** is added to the **Folder Name**.

**Related Information**

- ➔ [“Placing Originals” on page 33](#)
- ➔ [“Scanning Using Document Capture Pro \(Windows\)” on page 62](#)

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# Useful Features

Setting the Glass Surface Stain Detection Feature. . . . .	131
Setting the Document Protection Feature. . . . .	132
Setting the Operation When a Double-Feed is Detected. . . . .	133

## Setting the Glass Surface Stain Detection Feature

Vertical lines may appear in the image due to dust or dirt on the glass surface inside the scanner.

When **Detect Glass Dirt** is set to On, the scanner detects any stains on the glass surface inside the scanner and displays a notification on your computer screen.

When this notification is displayed, clean the glass surface inside the scanner with the dedicated cleaning kit or a soft cloth.

The default setting is **Off**.

1. Start Epson Scan 2 Utility.

- Windows 10

Click the start button, and then select **EPSON - Epson Scan 2 Utility**.

- Windows 8.1/Windows 8

Enter the software name in the search charm, and then select the icon displayed.

- Windows 7/Windows Vista/Windows XP

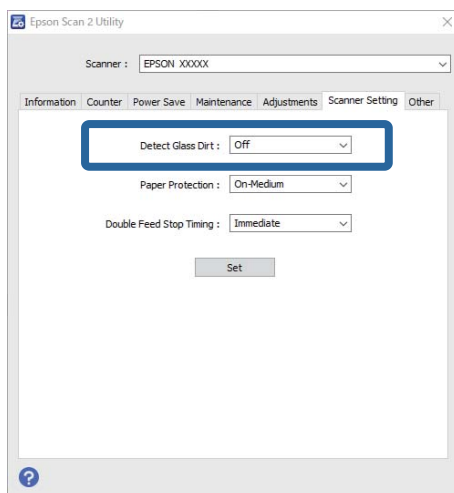
Click the start button, and then select **All Programs** or **Programs - EPSON - Epson Scan 2 - Epson Scan 2 Utility**.

- Mac OS

Select **Go - Applications - Epson Software - Epson Scan 2 Utility**.

2. Make the following settings on the **Scanner Setting** tab.

Set **Detect Glass Dirt** to **On-Low** or **On-High**.



**Note:**

- Some stains may not be detected correctly.

- If detection does not work correctly, try changing the settings.

If no stains are detected, select **On-High**. If stains are detected incorrectly, select **On-Low** or **Off**.

3. Select **Set** to apply the settings to the scanner.

### Related Information

- ➔ [“Cleaning Inside the Scanner” on page 148](#)
- ➔ [“Straight Lines Appear when Scanning from ADF” on page 169](#)
- ➔ [“Glass Dirt Alert Does Not Disappear” on page 169](#)

## Setting the Document Protection Feature

To reduce damage to the document, scanning stops immediately when the following conditions are detected.

- A paper feed error has occurred
- A document is fed at an angle

The default setting is **On-Medium**.



**Important:**

- This feature does not prevent all documents from being damaged.
- Paper feed errors may not be detected depending on the paper feeding conditions.

1. Start Epson Scan 2 Utility.
  - Windows 10  
Click the start button, and then select **EPSON - Epson Scan 2 Utility**.
  - Windows 8.1/Windows 8  
Enter the software name in the search charm, and then select the icon displayed.
  - Windows 7/Windows Vista/Windows XP  
Click the start button, and then select **All Programs** or **Programs - EPSON - Epson Scan 2 - Epson Scan 2 Utility**.
  - Mac OS  
Select **Go - Applications - Epson Software - Epson Scan 2 Utility**.

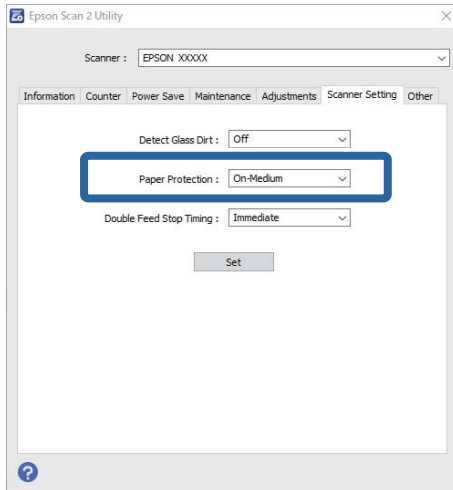
2. Make the following settings on the **Scanner Setting** tab.

Set **Paper Protection** to **On-Low**, **On-Medium** or **On-High**.

To enable this feature, select the level of detection you want to use. See the following table for details on each level.

Level	Description
On-Low	Lower the sensitivity to detect the skew of the originals.
On-Medium	Detect the skew of the stapled originals and the skew that <b>On-Low</b> could not detect.

Level	Description
On-High	Increase the sensitivity to detect the skew of the originals.



**Note:**

- This feature may not work correctly depending on the document, the paper feeding conditions, and the level set.
- When scanning plastic cards and cardboard, select **Off** to disable this feature.
- If false positives occur frequently, try lowering the level.
- If the document is an irregular shape or is scanned at an angle, it may be mistakenly detected as a paper feed error.
- When inserting multiple documents, make sure that the leading edges of the documents are aligned. If the leading edges of the documents are not aligned, they may be mistakenly detected as a paper feed error even if they are scanned correctly.
- Make sure you align the document guides with the document to avoid scanning it at an angle.

3. Select **Set** to apply the settings to the scanner.

---

## Setting the Operation When a Double-Feed is Detected

Set the stop timing when a double-feed of documents is detected.

- Immediate:** Stops as soon as a double-feed is detected.
- After Eject:** The documents for which a double-feed is detected are scanned as they are, but scanning of the next document is stopped.

When you are satisfied that there are no problems in the scanned image, you can continue scanning.

The default setting is **Immediate**.

1. Start Epson Scan 2 Utility.

- Windows 10

Click the start button, and then select **EPSON - Epson Scan 2 Utility**.

- ❑ Windows 8.1/Windows 8

Enter the software name in the search charm, and then select the icon displayed.

- ❑ Windows 7/Windows Vista/Windows XP

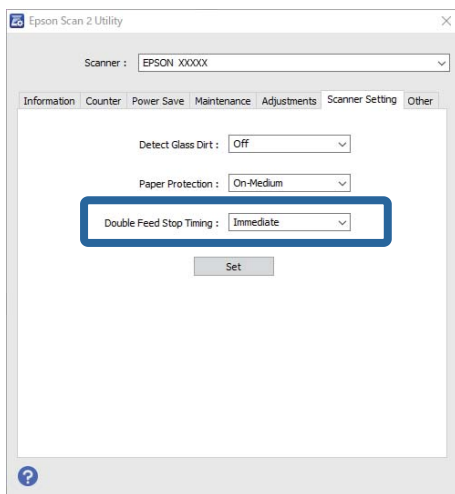
Click the start button, and then select **All Programs** or **Programs - EPSON - Epson Scan 2 - Epson Scan 2 Utility**.

- ❑ Mac OS

Select **Go - Applications - Epson Software - Epson Scan 2 Utility**.

2. Make the following settings on the **Scanner Setting** tab.

Set **Double Feed Stop Timing** to **Immediate** or **After Eject**.



3. Select **Set** to apply the settings to the scanner.

---



# Using the Flatbed Scanner Dock

About the Flatbed Scanner Dock. . . . . 136

## About the Flatbed Scanner Dock

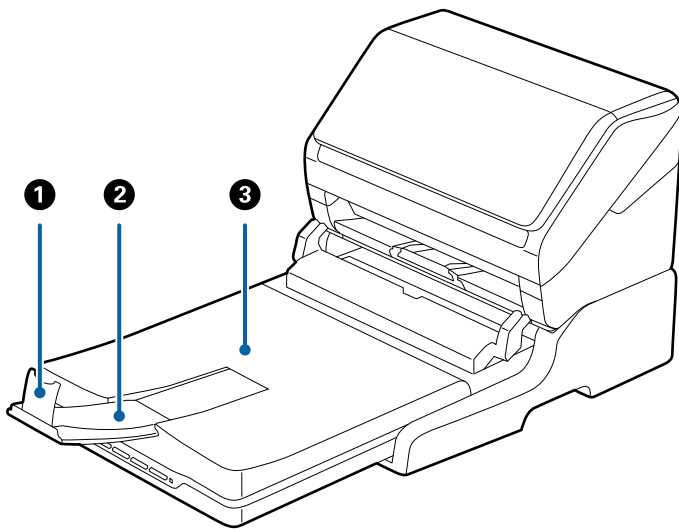
The optional Flatbed Scanner Dock allows you to scan from the scanner glass.

**Note:**

*You need the applicable flatbed scanner to use the Flatbed Scanner Dock.*

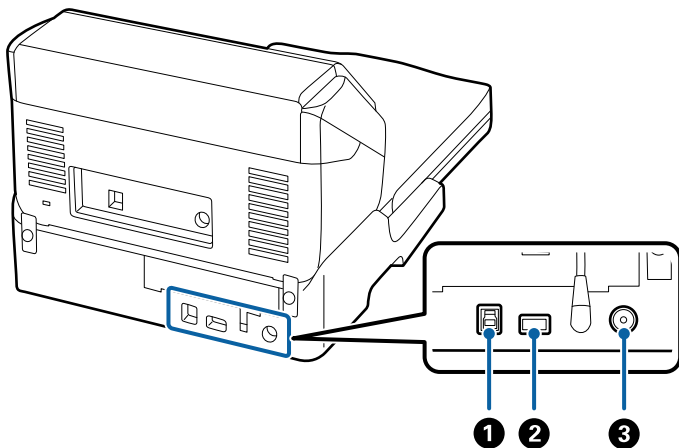
### Part Names and Functions of the Flatbed Scanner Dock

**Front**



①	Stopper	Prevents ejected originals from falling off the output tray extension. Adjust it to the length of the originals.
②	Output tray extension	Holds originals ejected from the sheet feed scanner. Pull out the output tray extension to the length of the originals.
③	Document cover/Output tray	Blocks external light while scanning with the flatbed scanner. Holds originals ejected from the sheet feed scanner.

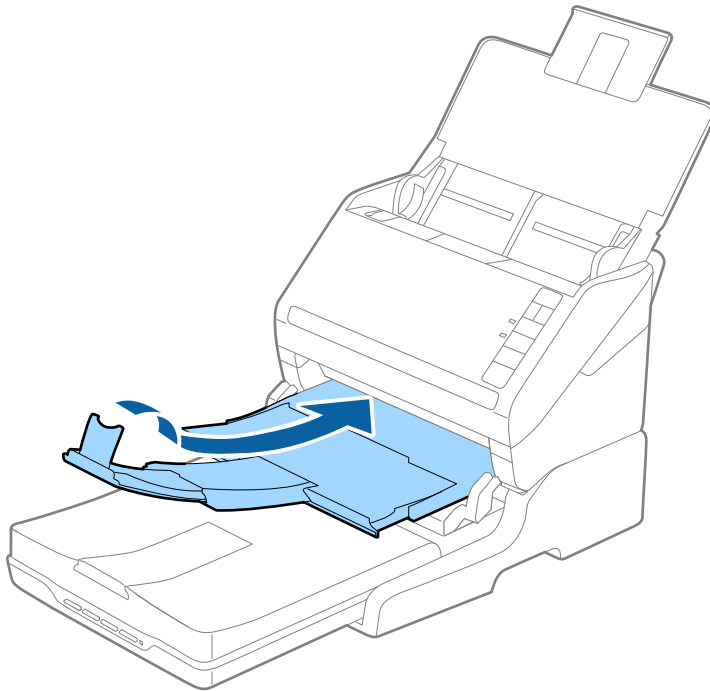
**Back**



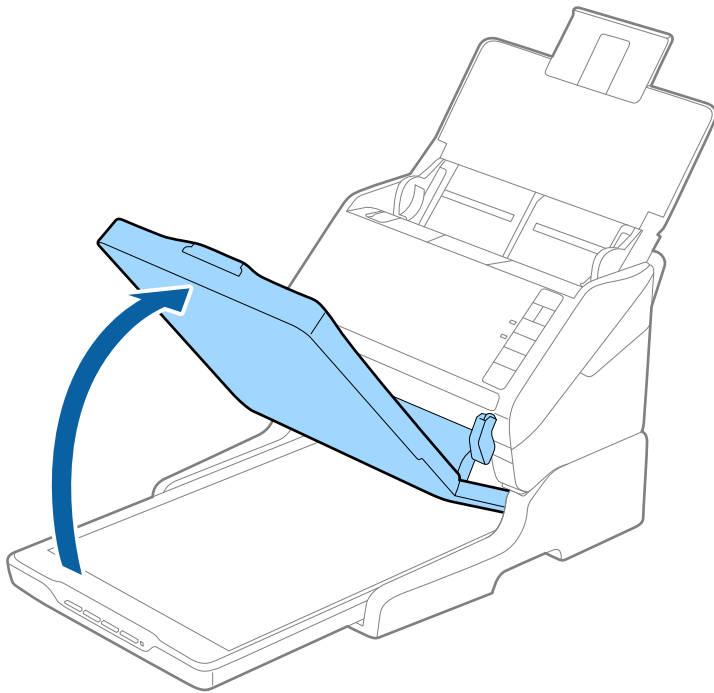
❶	USB port 1	Connects a USB cable to connect to a computer.
❷	USB port 2	Connects a USB cable to connect to the sheet feed scanner.
❸	DC inlet	Connects the AC adapter.

## Scanning from the Scanner Glass

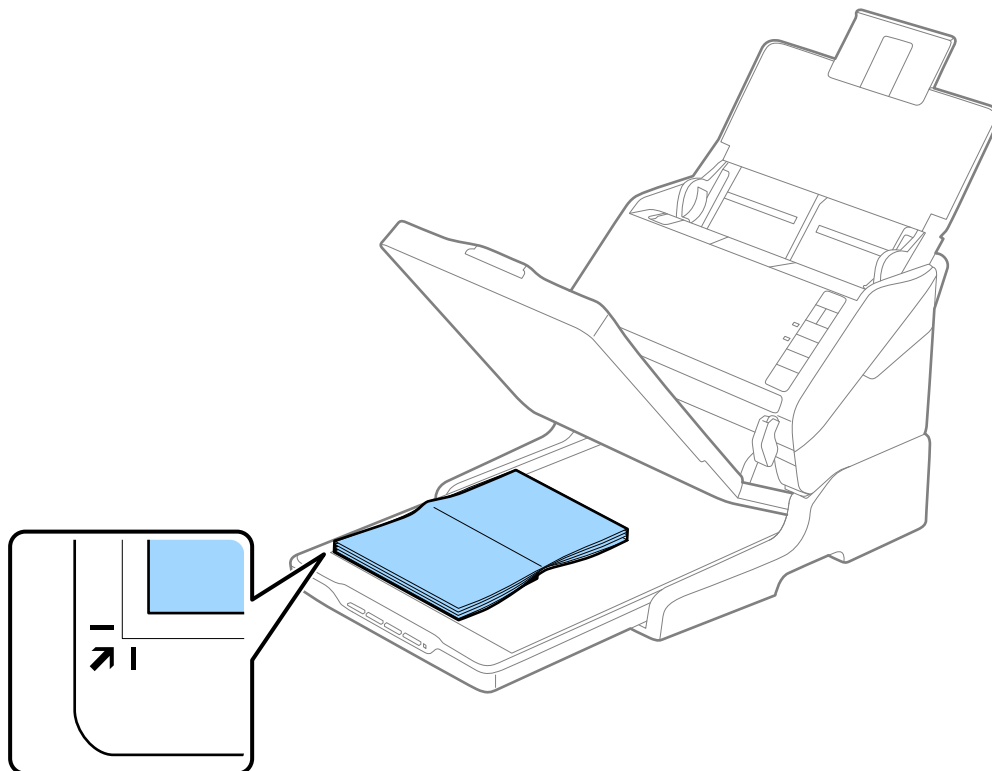
1. Close the output tray.



2. Open the document cover.

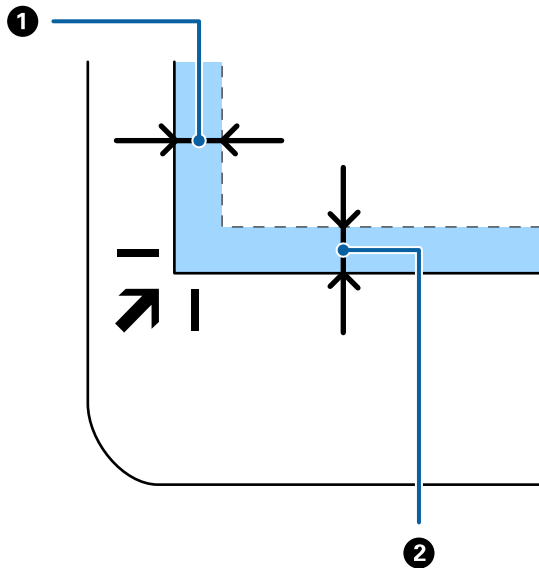


3. Place your document or photo face down on the scanner glass making sure the upper corner of the side you want to scan is against the corner of the scanner next to the arrow mark.



**Note:**

You can avoid cropping by moving the document about 2.5 mm (0.1 inch) away from the top and side edges indicated by ① and ② in the following figure.



4. Close the document cover gently so that your original does not move.

**Note:**

- Always keep the scanner glass clean.
- Do not leave originals on the scanner glass for an extended period of time as they may stick.

5. Start Document Capture Pro (Windows), Document Capture (Mac OS), or Epson Scan 2.
6. Select **Scanner Glass** from the **Document Source** list on the scan setting screen.
7. Set the other items as necessary and then start scanning.

## Notes on Using the Flatbed Scanner Dock

Place the Flatbed Scanner Dock on a horizontal and stable surface.

### Notes on Scanning from the ADF

Depending on the length of the originals, operations for the input tray, the output tray, and the stopper vary when scanning from the ADF using the Flatbed Scanner Dock. Do one of the following.

**Note:**

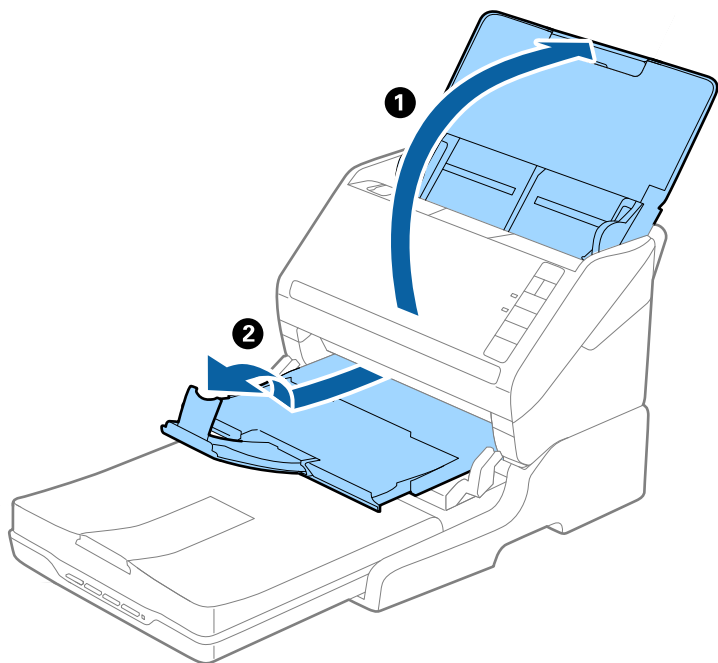
See the explanation for placing originals regarding other operations except for the input tray, the output tray, and the stopper.

#### Originals shorter than A5 (210 mm)

Open the input tray. Slide out the output tray, extend the output tray extension, and then raise the stopper.

**Note:**

- ❑ Make sure you pull out and extend the output tray extensions so that they are a little bit longer than the length of the original, and raise the stopper so that the ejected originals can be stacked comfortably on the output tray.
- ❑ The stopper can move forward and backward on the central output extension so that you can easily adjust the stopper position to the best position for the originals being scanned.

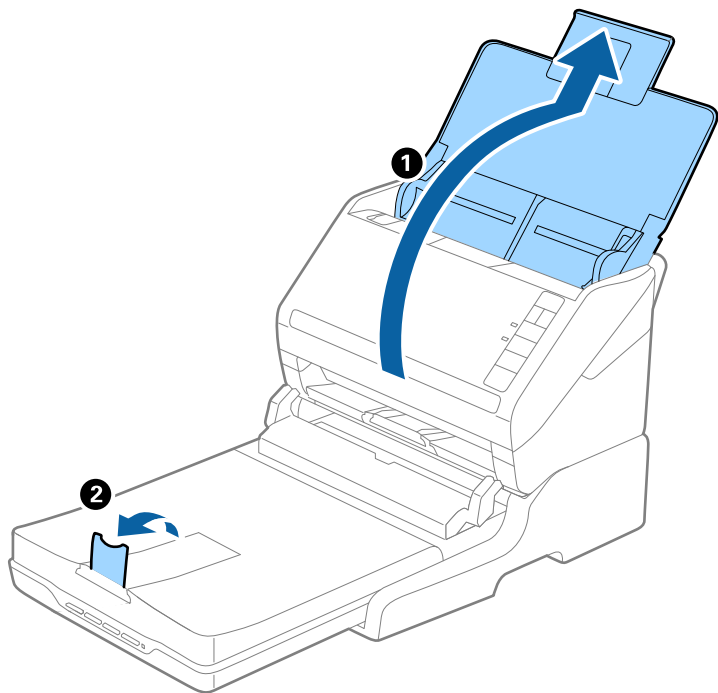


**Originals of A5 (210 mm) or longer up to A4 (297 mm)**

Open and extend the input tray, and then raise the stopper of the Flatbed Scanner Dock.

**Note:**

- ❑ Make sure you raise and slide the stopper so that it is a little bit longer than the length of the original. This allows the ejected originals to be stacked comfortably on the output tray.
- ❑ The stopper can move forward and backward on the central output extension so that you can easily adjust the stopper position to the best position for the originals being scanned.

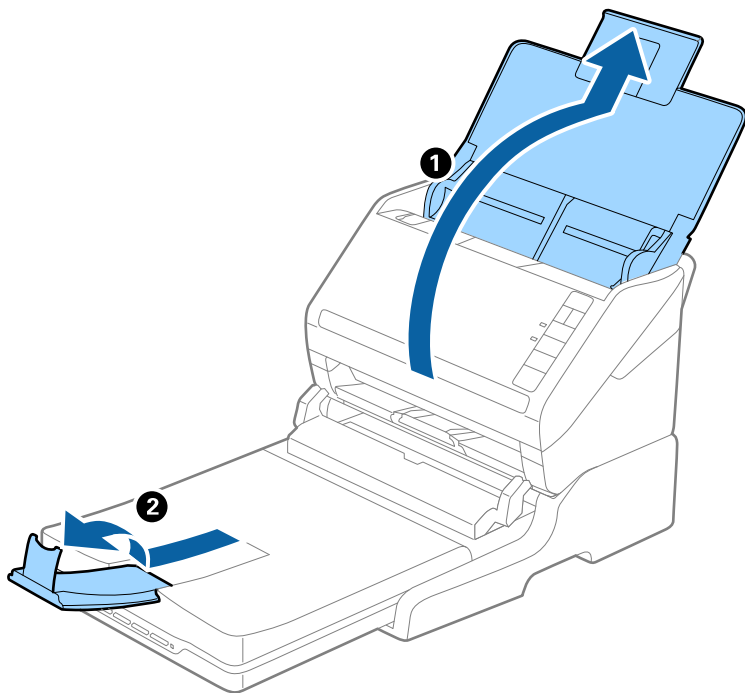


**Originals longer than A4 (297 mm) to Legal (355.6 mm)**

Open and extend the input tray, slide out the output tray extension of the Flatbed Scanner Dock, and then raise the stopper.

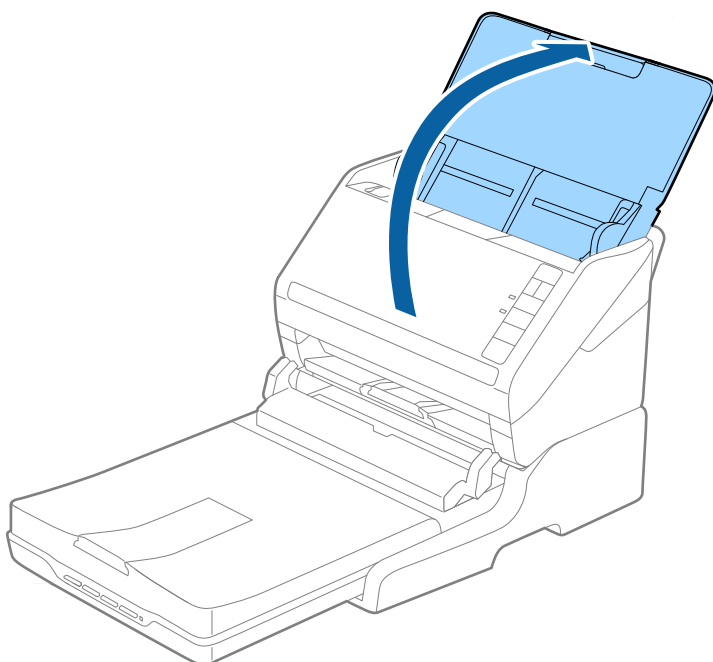
**Note:**

- ❑ Make sure you pull out and extend the output tray extensions so that they are a little bit longer than the length of the original, and raise the stopper so that the ejected originals can be stacked comfortably on the output tray.
- ❑ The stopper can move forward and backward on the central output extension so that you can easily adjust the stopper position to the best position for the originals being scanned.



**Originals longer than Legal (355.6 mm)**

Open the input tray. Do not extend the input tray extension and output tray extensions, and do not raise the stopper.




## Maintenance

### Cleaning the Flatbed Scanner Dock

To keep your Flatbed Scanner Dock in optimum condition, follow the steps below to clean it periodically.

**!** *Important:*

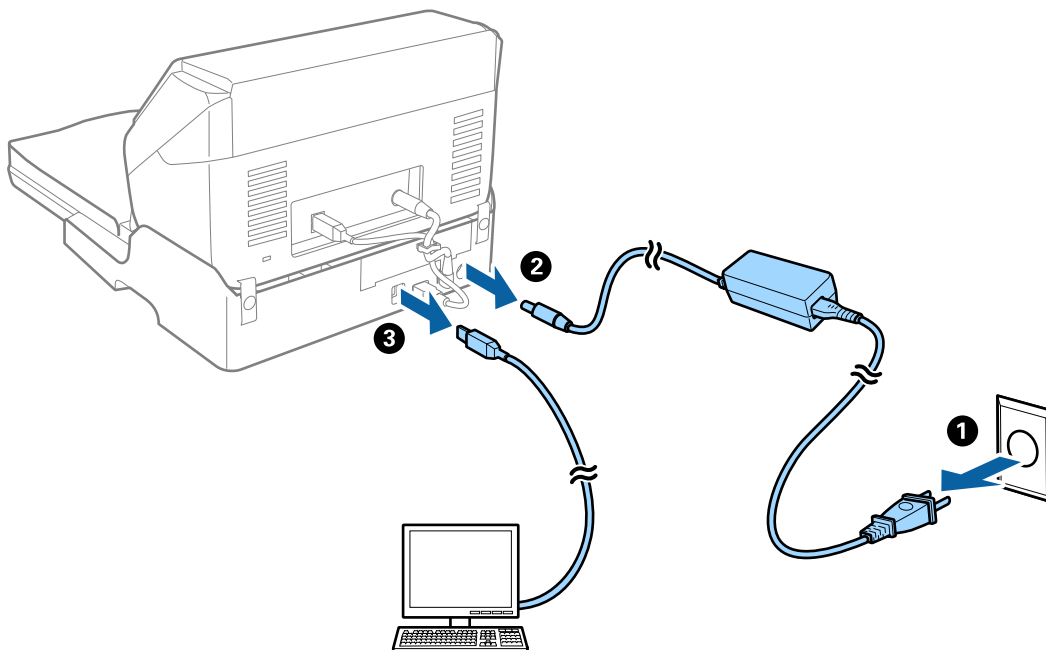
- Never use alcohol, thinner, or corrosive solvent to clean the Flatbed Scanner Dock. These chemicals can damage the Flatbed Scanner Dock components and the case.
- Be careful not to spill liquid into the scanner mechanism or electronic components. This could permanently damage the mechanism and circuitry.
- Do not spray lubricants onto the Flatbed Scanner Dock.
- Never open the Flatbed Scanner Dock case.

1. Press the  button to turn off the sheet feed scanner.

**Note:**

*There is no power button on the flatbed scanner.*

2. Unplug the AC adapter, and then disconnect the USB cable that is connected to the computer from the Flatbed Scanner Dock.



3. Wipe off any dirt on the outer case with a soft cloth.

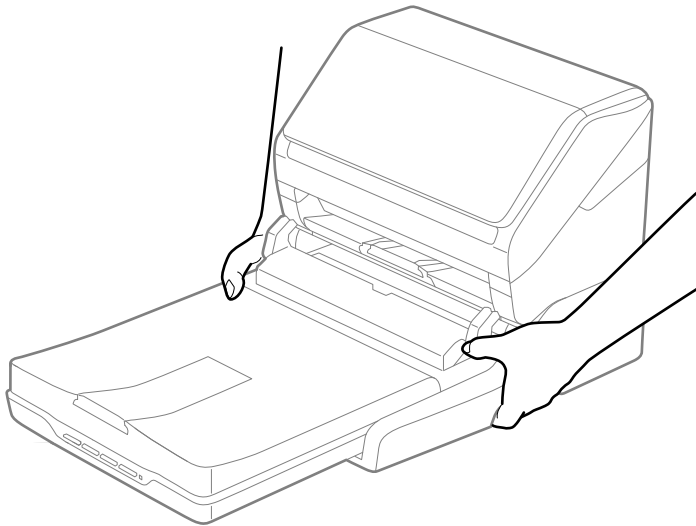
If the case is very dirty, dampen a soft cloth with water and wring it out thoroughly, and then wipe off any remaining stains. Next, use a soft dry cloth to wipe the case.

## Transferring and Transporting the Flatbed Scanner Dock




**Caution:**

When lifting the Flatbed Scanner Dock, place your hands in the positions shown below. If you lift the Flatbed Scanner Dock by holding it in other positions, the Flatbed Scanner Dock may fall or you may trap your fingers when placing the Flatbed Scanner Dock.



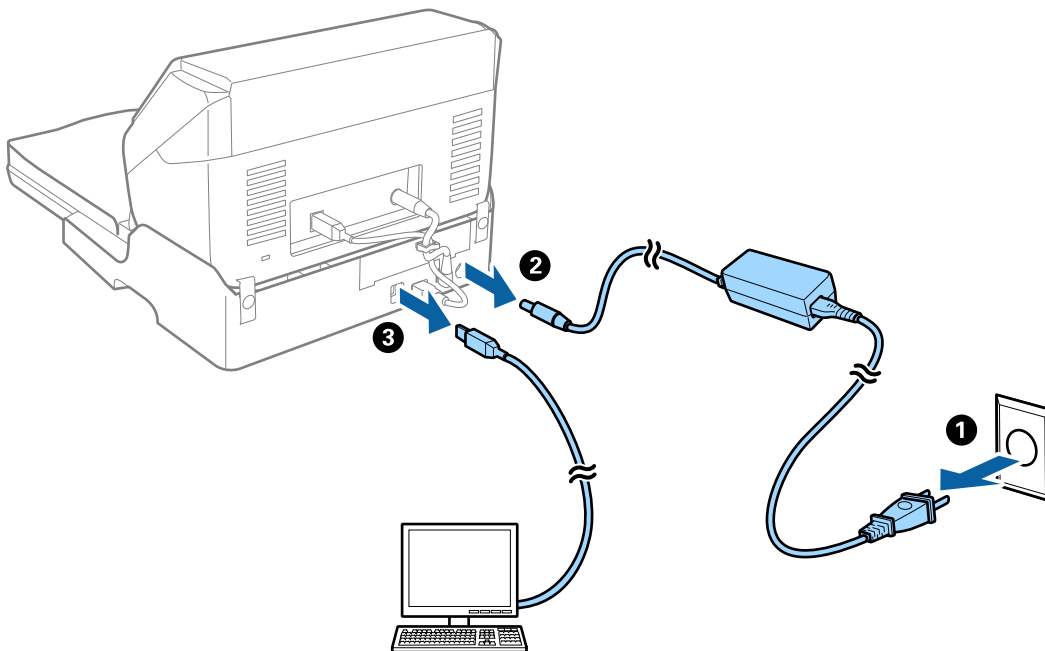
### Transporting the Flatbed Scanner Dock a Short Distance

1. Press the  button to turn off the sheet feed scanner.

**Note:**

There is no power button on the flatbed scanner.


2. Unplug the AC adapter, and then disconnect the USB cable that is connected to the computer from the Flatbed Scanner Dock.



3. Do not subject the Flatbed Scanner Dock to vibrations and keep it level while carrying.

### **Transporting the Flatbed Scanner Dock**

Make sure you have the Setup guide with you before you begin the following procedure.

1. Press the  button to turn off the sheet feed scanner.

**Note:**

*There is no power button on the flatbed scanner.*

2. Perform the setup procedure by reversing the procedure described in the setup guide supplied with the Flatbed Scanner Dock to separate the sheet feed scanner, the flatbed scanner, and the Flatbed Scanner Dock.
3. Attach the packing materials that came with the Flatbed Scanner Dock, and then repack it in its original box or a similar box that fits the Flatbed Scanner Dock snugly.

## **Troubleshooting for the Flatbed Scanner Dock**

### **Uneven Colors, Dirt, Spots, and so on Appear when Scanning from the Scanner Glass**

- Clean the scanner glass.
- Remove any trash or dirt that adheres to the original.
- Do not press with too much force on the original or the document cover. If you press with too much force, blurring, smudges, and spots may occur.


## Cannot Scan the Correct Area on the Scanner Glass

- Make sure the original is placed correctly against the alignment marks.
- If the edge of the scanned image is missing, move the original slightly away from the edge of the scanner glass.

## Binding Margins of a Booklet are Distorted or Blurred

When scanning a booklet on the scanner glass, characters may appear distorted or blurred on the binding margin. If this problem occurs, text is not recognized correctly when you save the scanned image as a **Searchable PDF**.

To decrease distortion or blurring on the binding margin, gently press down the document cover and hold it down while scanning to flatten the booklet. Make sure you do not move the booklet while scanning.

 **Important:**

*Do not press the document cover with too much force. Otherwise, the booklet or the scanner may be damaged.*

## Offset Appears in the Background of Images

Images on the back of the original may appear in the scanned image.

- In Epson Scan 2, select the **Advanced Settings** tab, and then adjust the **Brightness**.  
This feature may not be available depending on the settings on the **Main Settings** tab > **Image Type** or other settings on the **Advanced Settings** tab.
- In Epson Scan 2, select the **Advanced Settings** tab, and then **Image Option** > **Text Enhancement**.
- When scanning from the scanner glass, place black paper or a desk pad over the original.

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# Maintenance

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## Cleaning Outside the Scanner

Wipe off any stains on the outer case with a dry cloth or a cloth dampened with mild detergent and water.



**Important:**

- Never use alcohol, thinner, or any corrosive solvent to clean the scanner. Deformation or discoloration may occur.
- Do not let water get inside the product. This could cause a malfunction to occur.
- Never open the scanner case.

1. Press the  button to turn off the scanner.
2. Unplug the AC adapter from the scanner.
3. Clean the outer case with a cloth dampened with mild detergent and water.

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## Cleaning Inside the Scanner

After using the scanner for a while, paper and room dust on the roller or the glass part inside the scanner may cause paper feed or scanned image quality problems. Clean the inside of the scanner every 5,000 scans.


You can check the latest number of scans in the Epson Scan 2 Utility.

If a surface is stained with a hard-to-remove material, use a genuine Epson cleaning kit to remove stains. Use a small amount of cleaner on the cleaning cloth to remove the stains.

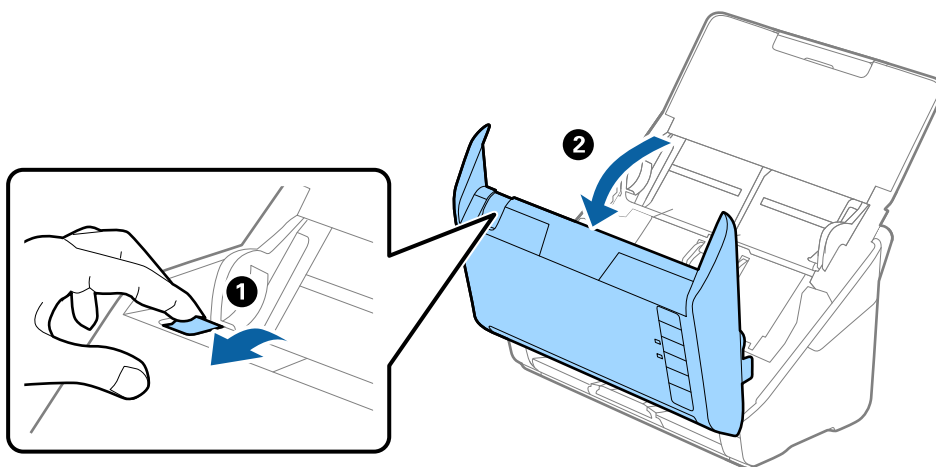


**Important:**

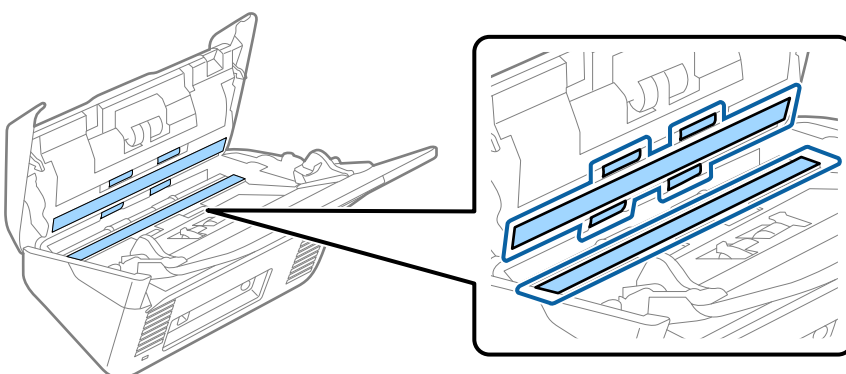
- Never use alcohol, thinner, or any corrosive solvent to clean the scanner. Deformation or discoloration may occur.
- Never spray any liquid or lubricant on the scanner. Damage to equipment or circuits may cause abnormal operations.
- Never open the scanner case.

1. Press the  button to turn off the scanner.
2. Unplug the AC adapter from the scanner.

3. Pull the cover open lever and open the scanner cover.



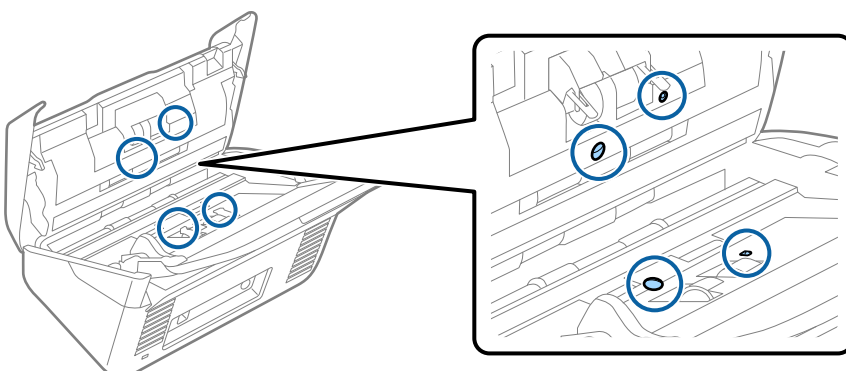
4. Wipe off any stains on the plastic roller and glass surface at the bottom inside of the scanner cover using a soft cloth or a genuine Epson cleaning kit.



**!** *Important:*

- Do not place too much force on the glass surface.*
- Do not use a brush or a hard tool. Any scratches on the glass may affect the scan quality.*
- Do not spray cleaner directly onto the glass surface.*

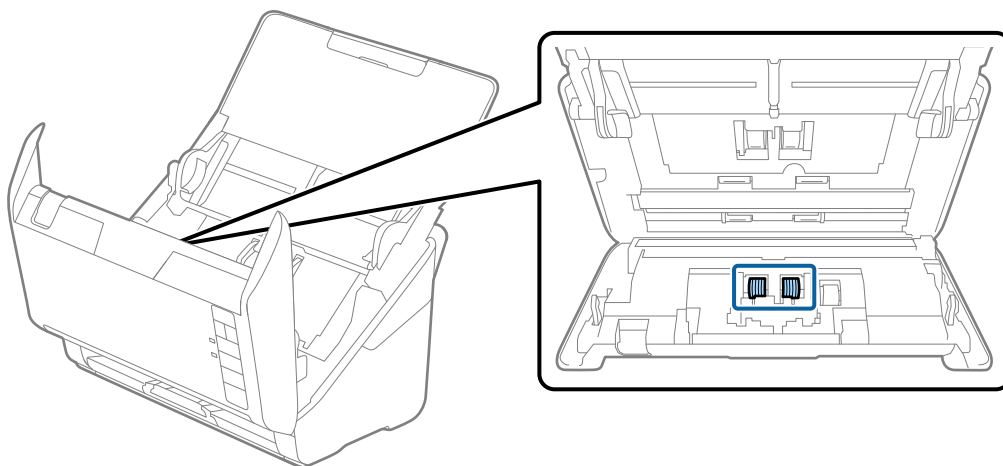
5. Wipe off any stains on the sensors with a cotton swab.



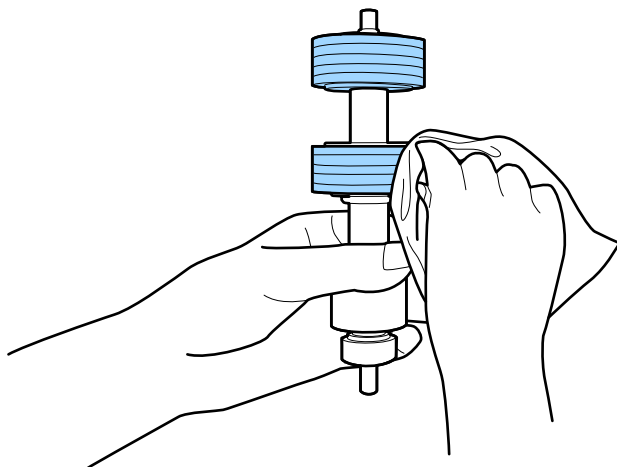
**!** **Important:**

*Do not use liquid such as a cleaner on a cotton swab.*

6. Open the cover, and then remove the separation roller.  
See “Replacing the Roller Assembly Kit” for more details.



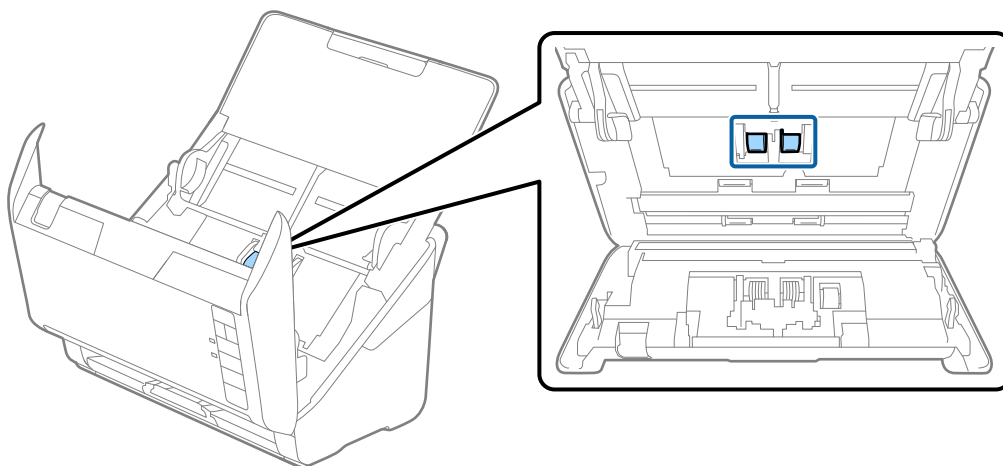
7. Wipe off any dust or dirt on the separation roller using a genuine Epson cleaning kit or a soft, moist cloth.



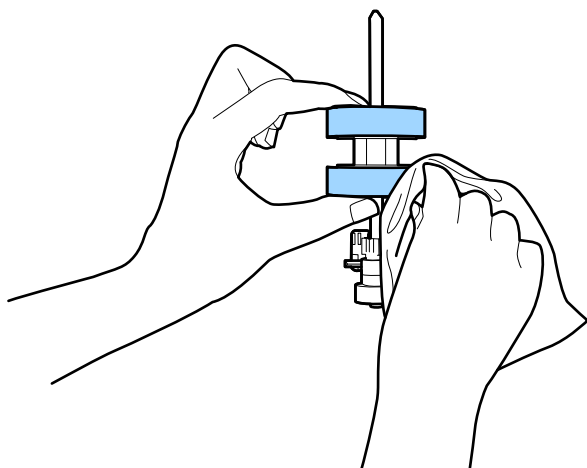
**!** **Important:**

*Use only a genuine Epson cleaning kit or a soft, moist cloth to clean the roller. Using a dry cloth may damage the surface of the roller.*

8. Open the cover, and then remove the pickup roller.  
See “Replacing the Roller Assembly Kit” for more details.






9. Wipe off any dust or dirt on the pickup roller using a genuine Epson cleaning kit or a soft, moist cloth.

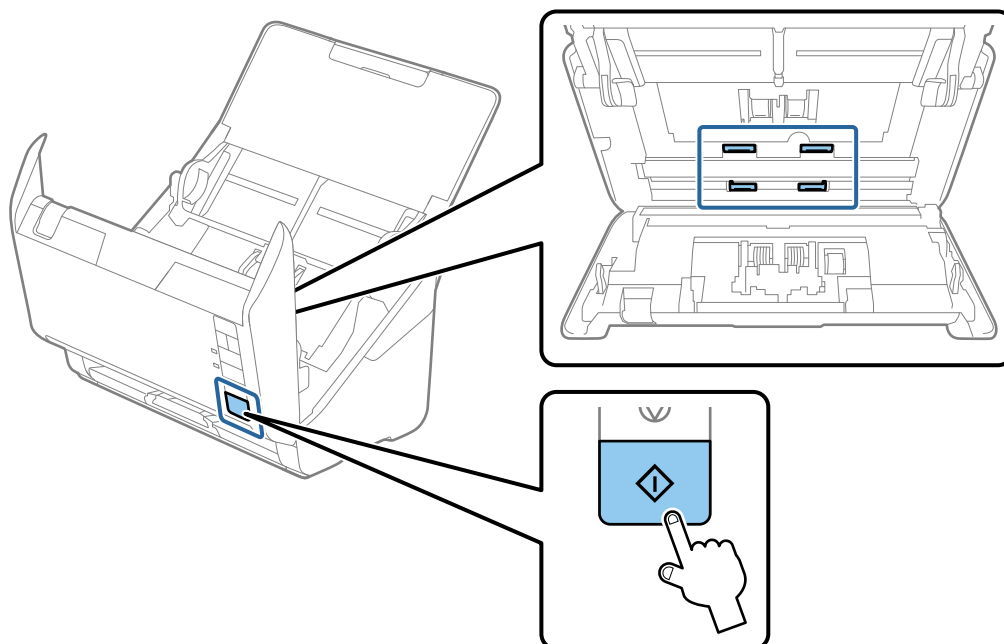


**!** **Important:**

*Use only a genuine Epson cleaning kit or a soft, moist cloth to clean the roller. Using a dry cloth may damage the surface of the roller.*

10. Plug in the AC adapter, and then turn on the scanner.

11. Hold down the  button for at least two seconds while opening the scanner cover. The rollers on the bottom move momentarily, and then the scanner enters cleaning mode. The rollers rotate a bit each time you press the  button. Press the  button several times to rotate the rollers. Use a genuine Epson cleaning kit or a soft, moist cloth to clean the rollers as they rotate. Repeat this step until the rollers are clean.



**Caution:**

Be careful not to get your hands or hair caught in the mechanism when operating the roller. This could cause an injury.

12. Close the scanner cover.  
The scanner exits cleaning mode.

**Related Information**

- ➔ [“Cleaning Kit Codes” on page 25](#)
- ➔ [“Replacing the Roller Assembly Kit” on page 154](#)

## Resetting the Number of Scans After Regular Cleaning

Reset the number of scans using Epson Scan 2 Utility after regular cleaning.

1. Turn on the scanner.
2. Start Epson Scan 2 Utility.
  - ❑ Windows 10  
Click the start button, and then select **EPSON > Epson Scan 2 Utility**.

- ❑ Windows 8.1/Windows 8

**Start screen > Apps > Epson > Epson Scan 2 Utility.**

- ❑ Windows 7/Windows Vista/Windows XP

Click the start button, and then select **All Programs (or Programs) > EPSON > Epson Scan 2 > Epson Scan 2 Utility.**

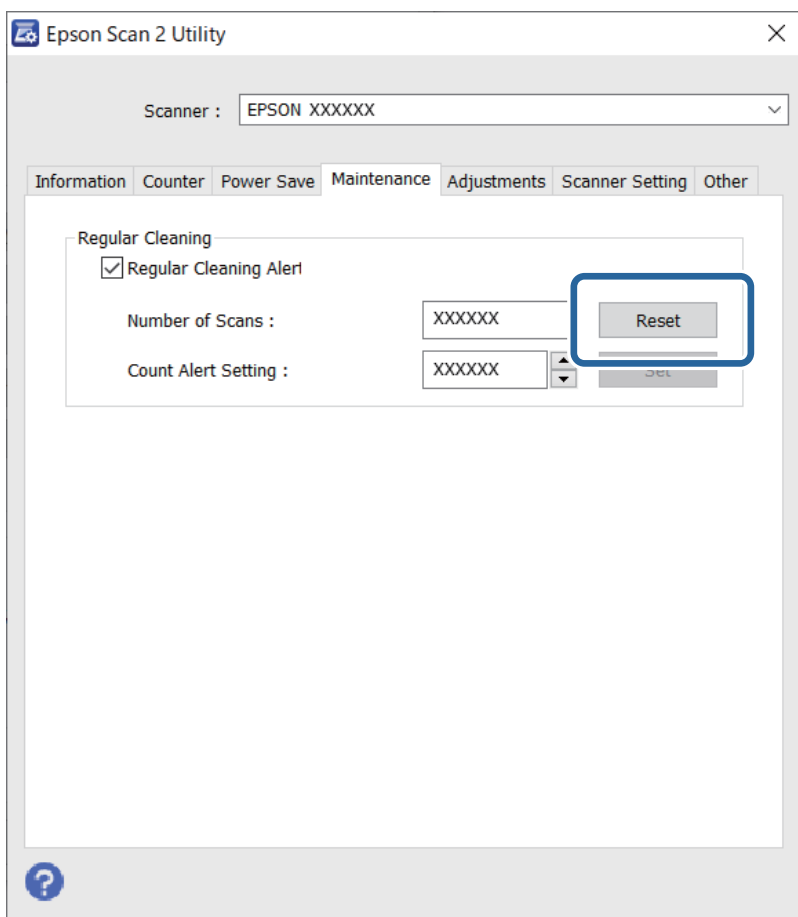
- ❑ Mac OS

Select **Go > Applications > Epson Software > Epson Scan 2 Utility.**

3. Click the **Maintenance** tab.
4. Click **Reset** on **Regular Cleaning**.

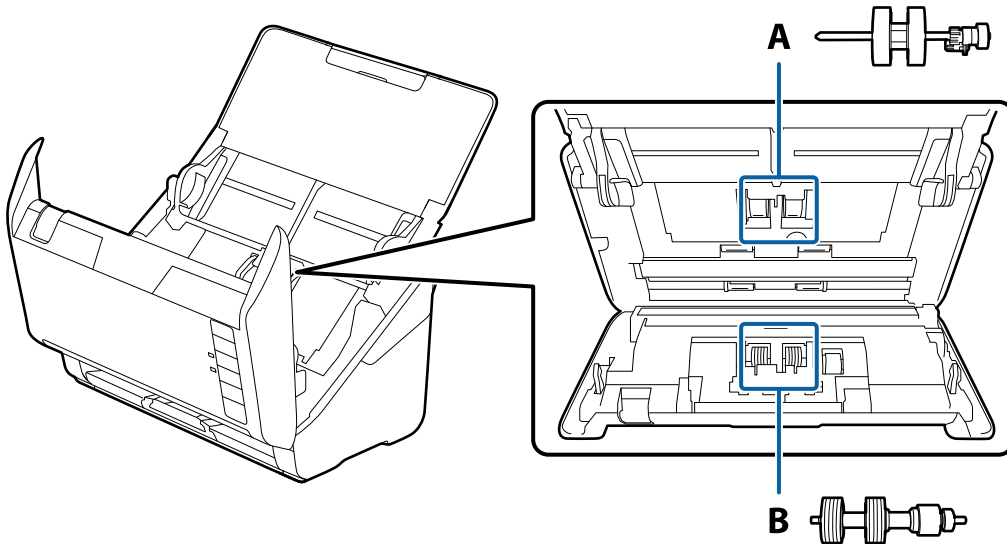
**Note:**

You cannot reset when **Regular Cleaning Alert** is not selected.




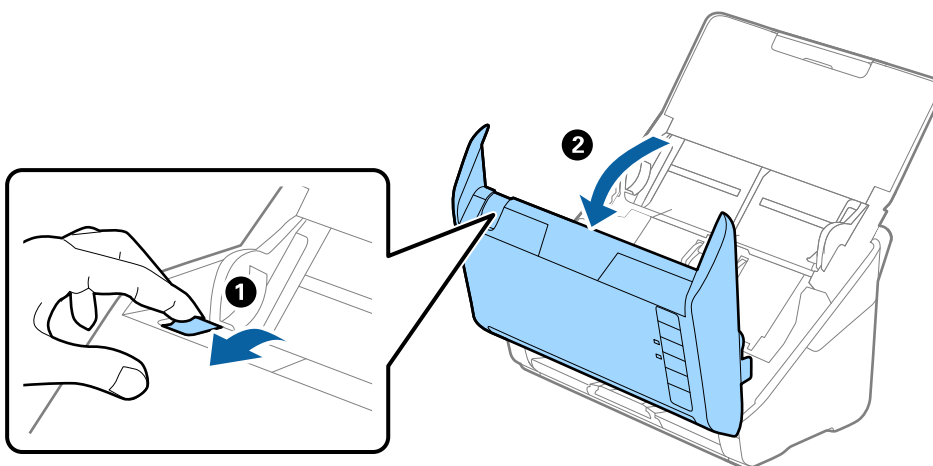
## Replacing the Roller Assembly Kit

The roller assembly kit (the pickup roller and the separation roller) needs to be replaced when the number of scans exceeds the life cycle of the rollers. When a replacement message is displayed on your computer screen, follow the steps below to replace it.

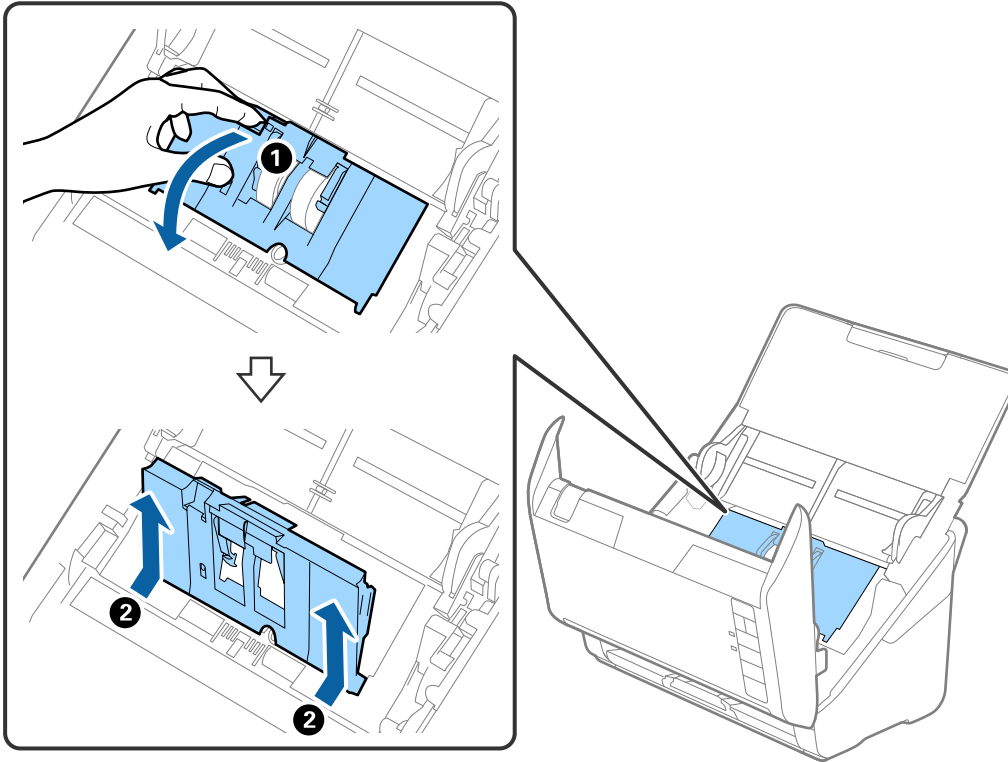


A: pickup roller, B: separation roller

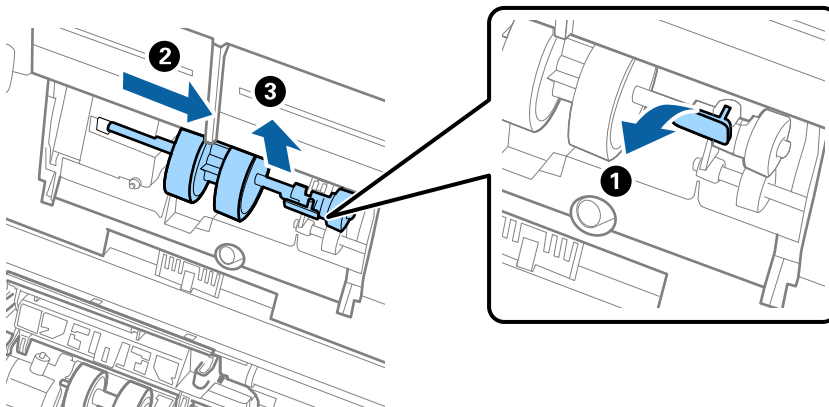
1. Press the  button to turn off the scanner.
2. Unplug the AC adapter from the scanner.
3. Pull the lever and open the scanner cover.



4. Open the cover of the pickup roller, and then slide and remove it.



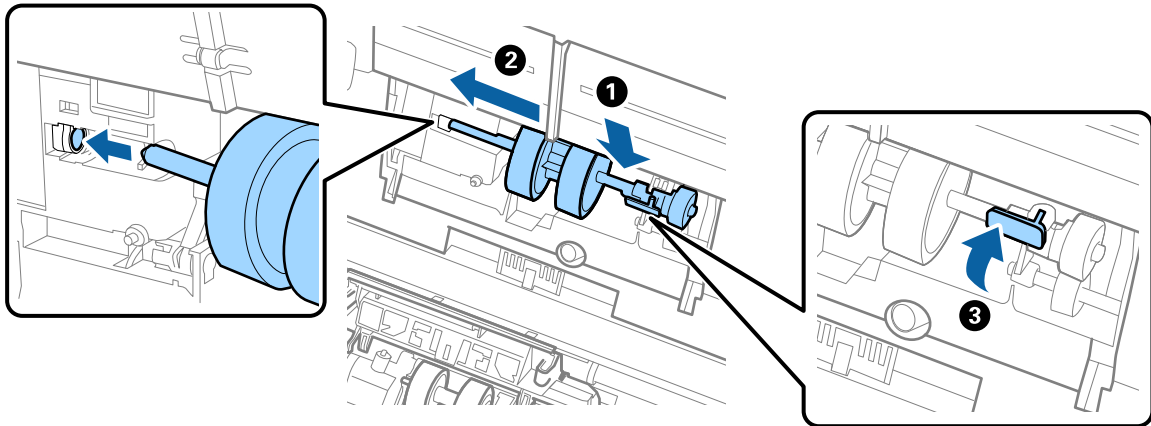
5. Pull down the fixture of the roller axis, and then slide and remove the installed pickup rollers.



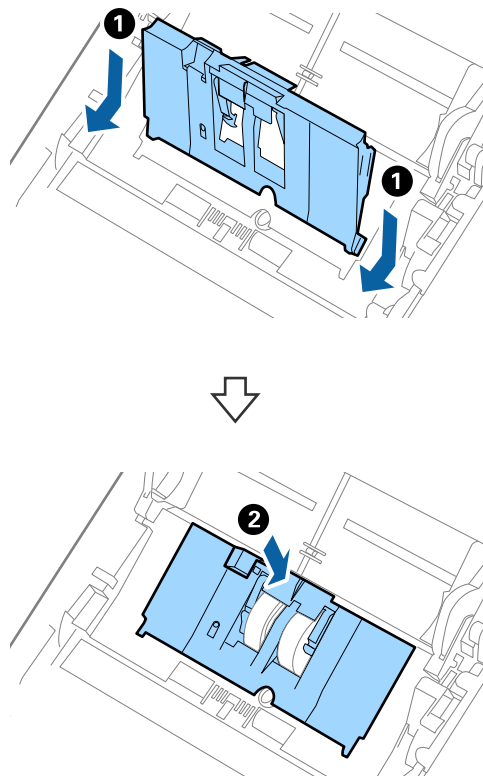
**Important:**

*Do not pull out the pickup roller forcibly. This could damage the inside of the scanner.*

6. While holding down the fixture, slide the new pickup roller to the left and insert it into the hole in the scanner. Press the fixture to secure it.

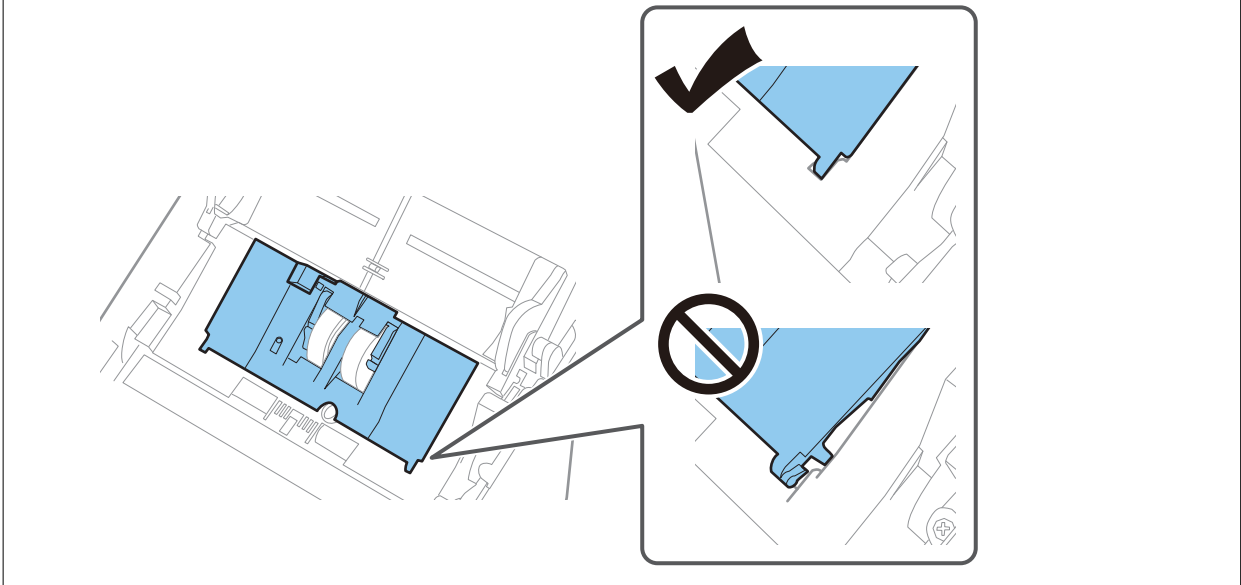


7. Put the edge of the cover of the pickup roller into the groove and slide it. Close the cover firmly.

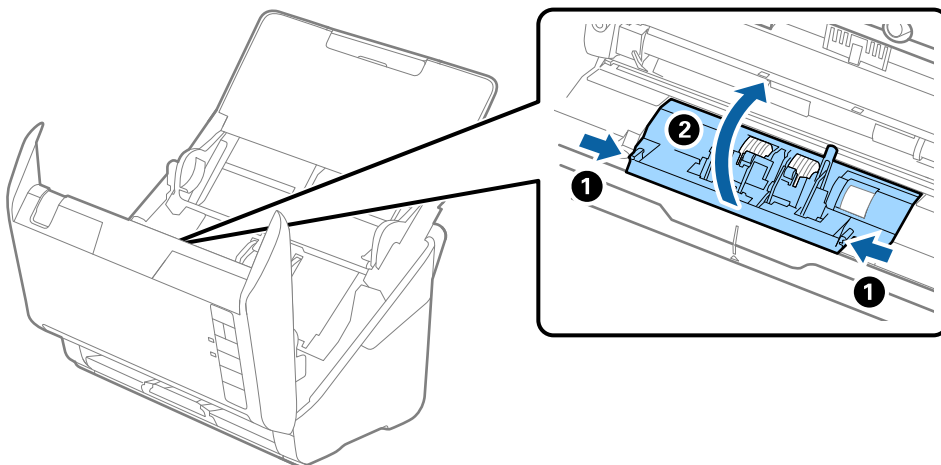


**!** *Important:*

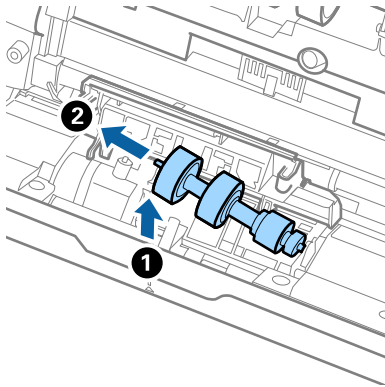
- ❑ *Make sure the pick up cover is closed correctly.*
- ❑ *Make sure the pickup rollers are installed correctly if the cover is hard to close.*
- ❑ *Do not install the cover while it is raised.*



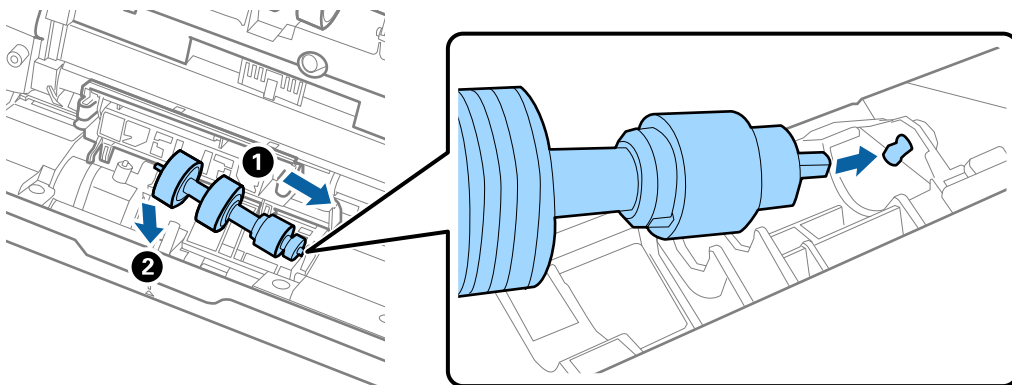
8. Push the hooks on both ends of the separation roller cover to open the cover.



9. Lift the left side of the separation roller, and then slide and remove the installed separation rollers.



10. Insert the new separation roller axis into the hole on the right side, and then lower the roller.



11. Close the separation roller cover.



**Important:**

*If the cover is hard to close, make sure the separation rollers are installed correctly.*

12. Close the scanner cover.
13. Plug in the AC adapter, and then turn on the scanner.
14. Reset the scan number by using Epson Scan 2 Utility.

**Note:**

*Dispose of the pickup roller and the separation roller following the rules and regulations of your local authority. Do not disassemble them.*

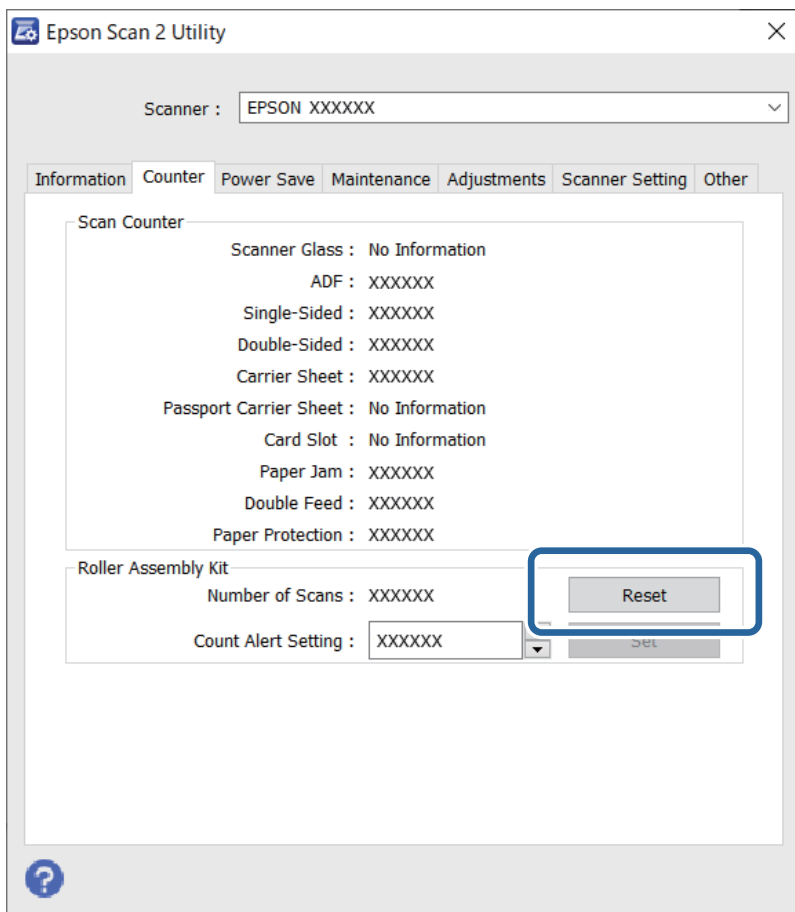
**Related Information**

➔ [“Roller Assembly Kit Codes” on page 25](#)

## Resetting the Number of Scans After Replacing the Rollers

Reset the number of scans using Epson Scan 2 Utility after replacing the Roller Assembly Kit.

1. Turn on the scanner.
2. Start Epson Scan 2 Utility.
  - Windows 10  
Click the start button, and then select **EPSON > Epson Scan 2 Utility**.
  - Windows 8.1/Windows 8  
**Start screen > Apps > Epson > Epson Scan 2 Utility**.
  - Windows 7/Windows Vista/Windows XP  
Click the start button, and then select **All Programs (or Programs) > EPSON > Epson Scan 2 > Epson Scan 2 Utility**.
  - Mac OS  
Select **Go > Applications > Epson Software > Epson Scan 2 Utility**.
3. Click the **Counter** tab.
4. Click **Reset** on **Roller Assembly Kit**.



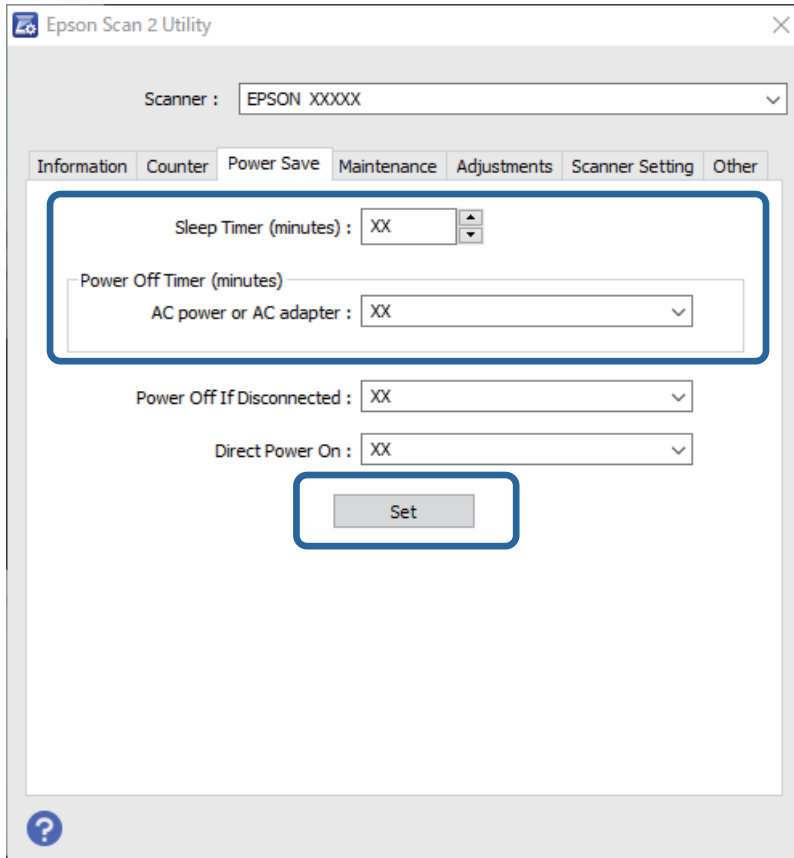
### Related Information

- ➔ [“Replacing the Roller Assembly Kit” on page 154](#)

## Energy Saving


You can save energy by using the sleep mode or auto power off mode when no operations are performed by the scanner. You can set the time period before the scanner enters sleep mode and turns off automatically. Any increase will affect the product's energy efficiency. Consider the environment before making any changes.

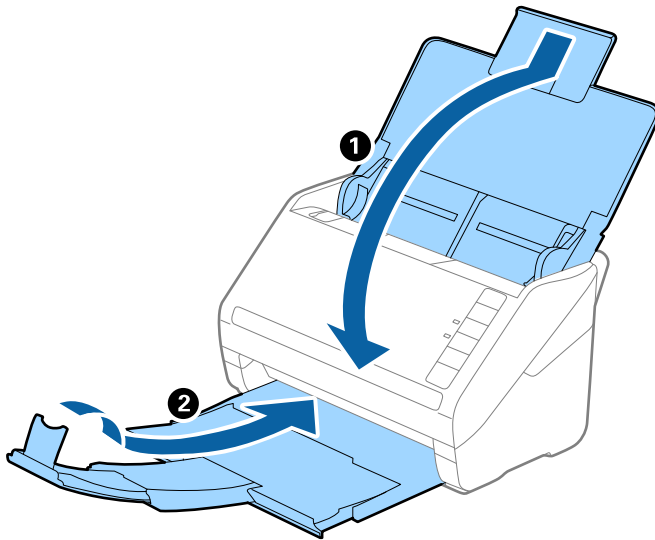
1. Start Epson Scan 2 Utility.
  - Windows 10  
Click the start button, and then select **EPSON > Epson Scan 2 Utility**.
  - Windows 8.1/Windows 8  
**Start screen > Apps > Epson > Epson Scan 2 Utility**.
  - Windows 7/Windows Vista/Windows XP  
Click the start button, and then select **All Programs (or Programs) > EPSON > Epson Scan 2 > Epson Scan 2 Utility**.
  - Mac OS  
Select **Go > Applications > Epson Software > Epson Scan 2 Utility**.
2. Click the **Power Save** tab.
3. Set the **Sleep Timer (minutes)** or **Power Off Timer (minutes)**, and then click **Set**.




## Transporting the Scanner

When you need to transport the scanner to move or for repairs, follow the steps below to pack the scanner.

1. Press the  button to turn off the scanner.
2. Unplug the AC adapter from the scanner.
3. Remove the USB cable.
4. Close the input tray and output tray.



 **Important:**


*Make sure you close the output tray securely; otherwise it may be damaged during transport.*

5. Attach the packing materials that came with the scanner, and then repack the scanner in its original box or a sturdy box.

---

## Updating Applications and Firmware

You may be able to clear certain problems and improve or add functions by updating the applications and the firmware. Make sure you use the latest version of the applications and firmware.

 **Important:**

*Do not turn off the computer or the scanner while updating.*

1. Make sure that the scanner and the computer are connected, and the computer is connected to the internet.

2. Start EPSON Software Updater and update the applications or the firmware.

Windows 10

Click the start button, and then select **Epson Software > EPSON Software Updater**.

Windows 8.1/Windows 8

Enter the application name in the search charm, and then select the displayed icon.

Windows 7

Click the start button, and then select **All Programs** or **Programs > Epson Software > EPSON Software Updater**.

Mac OS

Select **Finder > Go > Applications > Epson Software > EPSON Software Updater**.

**Note:**

*If you cannot find the application you want to update in the list, you cannot update using the EPSON Software Updater. Check for the latest versions of the applications on your local Epson website.*

<http://www.epson.com>

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# Solving Problems

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## Scanner Problems

### Scanner Lights Indicate an Error

Check the following if the scanner lights indicate an error.

- Make sure there are no originals jammed in the scanner.
- When feeding multiple originals, open the ADF cover and remove the originals. Next, close the ADF cover.
- Make sure the scanner cover is closed.
- Make sure the scanner is connected to your computer properly.
- Make sure Epson Scan 2 is installed correctly.
- If the firmware update fails and the scanner enters recovery mode, update the firmware again using a USB connection.
- Turn off the scanner and turn it on again. If this does not solve the problem, the scanner may be malfunctioning, or the light source in the scanner unit may need to be replaced. Contact your dealer.

#### Related Information

- ➔ [“Error Indicators” on page 22](#)
- ➔ [“The Original Jams in the Scanner Frequently” on page 167](#)

### The Scanner Does Not Turn On

- Make sure the AC adapter is securely connected to the scanner and an electrical outlet.
- Check that the electrical outlet is working. Plug another device into the electrical outlet and check that you can turn the power on.

---

## Problems Starting Scanning

### Cannot Start Scanning from Computer

#### The Scanner Cannot Connect by USB

The following causes can be considered.

- **The USB cable is not plugged into the electrical outlet correctly.**

##### Solutions

Connect the USB cable securely to the scanner and the computer.

■ **There is a problem with the USB hub.**

**Solutions**

If you are using a USB hub, try to connect the scanner directly to the computer.

■ **There is a problem with the USB cable or the USB inlet.**

**Solutions**

If the USB cable cannot be recognized, change the port, or change the USB cable.

■ **The scanner is off.**

**Solutions**

Make sure the scanner is turned on.

Also, wait until the status light stops flashing indicating that the scanner is ready to scan.

## **Cannot Scan Even Though a Connection has been Correctly Established**

■ **Required applications are not installed on your computer.**

**Solutions**

Make sure the following applications are installed:

- Document Capture Pro (Windows) or Document Capture (Mac OS)
- Epson Scan 2

If the applications are not installed, install them again.

■ **Job is not assigned to the scanner button.**

**Solutions**

Check that the job is correctly assigned to the scanner button in Document Capture Pro (Windows) or Document Capture (Mac OS).

■ **If you are using any TWAIN-compliant programs, the correct scanner is not selected as the source setting. (Windows)**

**Solutions**

Make sure that you select the correct scanner from your programs list.

---

## **Paper Feeding Problems**

### **Multiple Originals Are Fed (Double Feed)**

Check the following when a double feed occurs.

- When originals are jammed inside the scanner, open the scanner cover and remove the originals, and then close the scanner cover.
- Check the scanned image, and then scan the originals again if necessary.

If multiple originals are fed frequently, try the following.

- ❑ If you load unsupported originals, the scanner may feed multiple originals at a time.
- ❑ Clean the rollers inside the scanner.
- ❑ Reduce the number of originals being placed at a time.
- ❑ Press the **▶▶** button to slow down the scanning speed.
- ❑ Use **Automatic Feeding Mode**, and scan originals one by one.

When you are using Document Capture Pro, you can open the Epson Scan 2 window by pressing the **Detailed Settings** button on the **Scan Settings** screen.

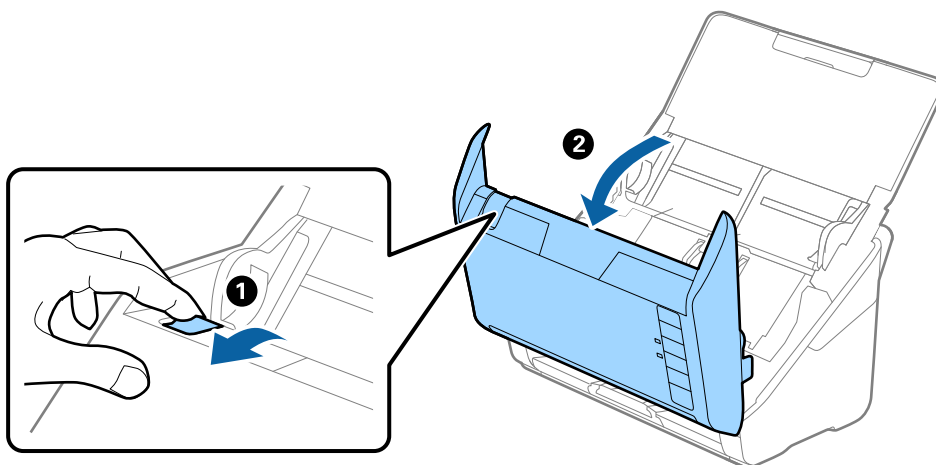
#### Related Information

- ➔ [“Removing Jammed Originals from the Scanner” on page 166](#)
- ➔ [“Scanning Different Sizes or Types of Originals One by One \(Automatic Feeding Mode\)” on page 90](#)
- ➔ [“Cleaning Inside the Scanner” on page 148](#)

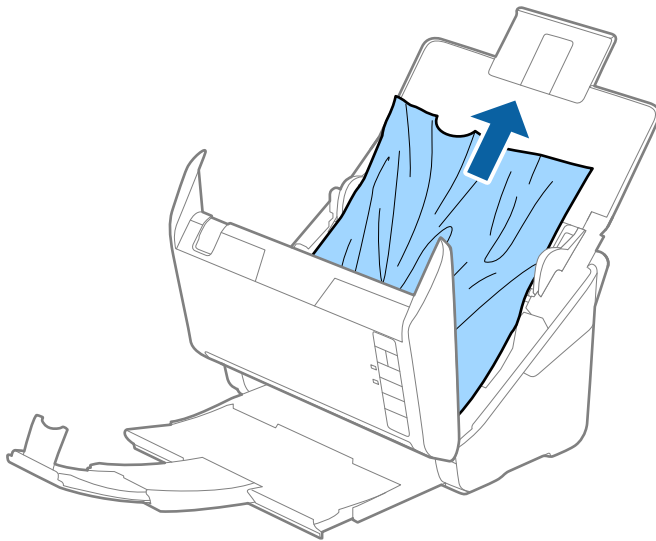
## Removing Jammed Originals from the Scanner

If an original has jammed inside the scanner, follow these steps to remove it.

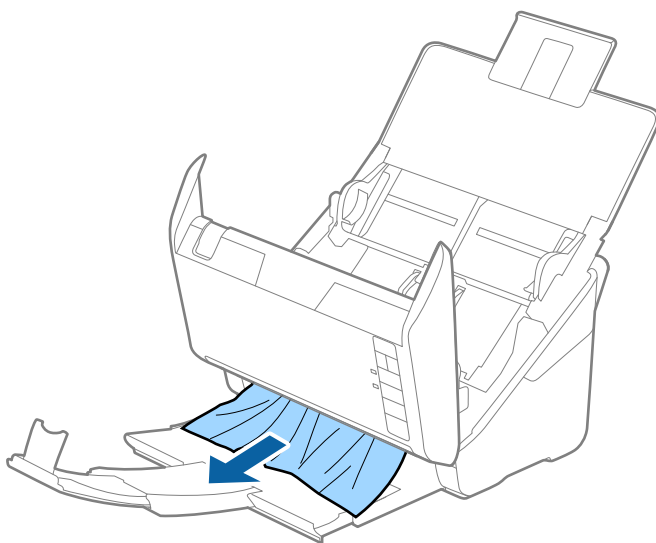
1. Remove all originals remaining in the input tray.
2. Pull the lever and open the scanner cover.



- Carefully remove any originals remaining inside the scanner.



- If you cannot pull originals straight up, carefully pull out any jammed originals from the output tray in the direction of the arrow.




**Important:**

*Make sure there is no paper inside the scanner.*

- Close the scanner cover.

## The Original Jams in the Scanner Frequently

If the original jams in the scanner frequently, try the following.

- Press the  button to slow down the scanning speed.
- Clean the rollers inside the scanner.

- If the ejected originals get stuck in the output tray, store the output tray and do not use it.

#### **Related Information**

- ➔ [“Cleaning Inside the Scanner” on page 148](#)

## **Paper Protection Does not Work Correctly**

Depending on the original and the level you set, this feature may not work correctly.

- Select **Off** to disable the feature when scanning plastic cards or thick paper.
- When misdetection occurs frequently, lower the level of this feature.
- If your original is damaged, check that this feature is enabled. If it is already enabled, increase the level of protection for the feature.

#### **Related Information**

- ➔ [“Setting the Document Protection Feature” on page 132](#)

## **The Originals Get Dirty**

Clean the inside of the scanner.

#### **Related Information**

- ➔ [“Cleaning Inside the Scanner” on page 148](#)

## **Scanning Speed Slows Down when Scanning Continuously**

When scanning continuously using the ADF, scanning slows down to prevent the scanner mechanism from overheating and being damaged. However, you can continue scanning.

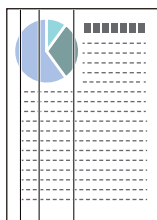
To regain normal scanning speed, leave the scanner idle for at least 30 minutes. Scanning speed does not recover even if the power is off.

## **Scanning Takes a Long Time**

- The scanning speed may slow down depending on the scanning conditions, such as high resolution, image adjustment features, file format, and so on.
- Computers with USB 3.0 (SuperSpeed) or USB 2.0 (Hi-Speed) ports can scan faster than those with USB 1.1 ports. If you are using a USB 3.0 or USB 2.0 port with the scanner, make sure it meets the system requirements.
- When using security software, exclude the TWAIN.log file from monitoring, or set the TWAIN.log as a read-only file. For more information on your security software's functions, see the help and so on supplied with the software. The TWAIN.log file is saved in the following locations.  
C:\Users\*(user name)*\AppData\Local\Temp

## Scanned Image Problems

### Straight Lines Appear when Scanning from ADF



- Clean the ADF.

Straight lines may appear in the image when trash or dirt gets into the ADF.

- Remove any trash or dirt that adheres to the original.
- Using **Detect Glass Dirt** feature, alert message appears when dirt is detected on the scanner glass.

Select **Scanner Setting** tab and then select **On-High** or **On-Low** from **Detect Glass Dirt** in Epson Scan 2 Utility .

When an alert is displayed, clean the glass surfaces inside your scanner using a genuine Epson cleaning kit or a soft cloth.

**Note:**

- Depending on the dirt, it may not be detected correctly.
- If the detection does not work correctly, change the setting.  
Select **On-High** if the dirt is not detected. Select **On-Low** or **Off** if the alert is displayed by a misdetection.

#### Related Information

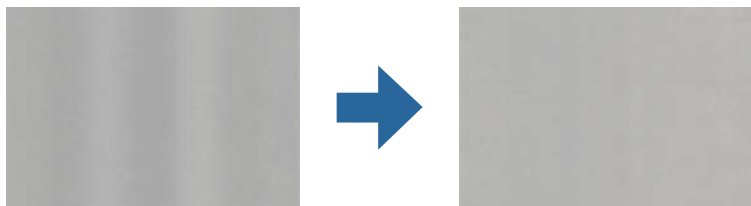
➔ [“Cleaning Inside the Scanner” on page 148](#)

### Glass Dirt Alert Does Not Disappear

If the glass dirt alert screen appears after cleaning the inside of the scanner, check the glass surface again. If there are scratches on the glass, they will be detected as a glass dirt.

Glass part will be required to replace. Contact your local dealer to repair.

### Colors Are Uneven in the Scanned Image



If the scanner is subject to strong light such as direct sunlight, the sensor inside the scanner misdetects the light and colors in the scanned image become uneven.

- Change the orientation of the scanner so that no strong light is falling on the front of the scanner.
- Move the scanner to a location where it will not be subjected to strong light.

## Expanding or Contracting the Scanned Image

When expanding or contracting the scanned image, you can adjust the expansion ratio by using the **Adjustments** feature in Epson Scan 2 Utility. This feature is only available for Windows.

**Note:**

*Epson Scan 2 Utility is one of the applications supplied with the scanner software.*

1. Start Epson Scan 2 Utility.
  - Windows 10  
Click the start button, and then select **EPSON > Epson Scan 2 Utility**.
  - Windows 8.1/Windows 8  
Enter the application name in the search charm, and then select the displayed icon.
  - Windows 7  
Click the start button, and then select **All Programs** or **Programs > EPSON > Epson Scan 2 > Epson Scan 2 Utility**.
2. Select the **Adjustments** tab.
3. Use **Expansion/Contraction** to adjust the expansion ratio for scanned images.
4. Click **Set** to apply the settings to the scanner.

## Offset Appears in the Background of Images

Images on the back of the original may appear in the scanned image.

- When **Auto**, **Color**, or **Grayscale** is selected as the **Image Type**:
  - Check that **Remove Background** is selected in the Epson Scan 2 window. When you are using Document Capture Pro, you can open the window by pressing the **Detailed Settings** button on the **Scan Settings** screen.  
Click the **Advanced Settings** tab > **Remove Background**.
  - Check that **Text Enhancement** is selected.  
Document Capture Pro (Windows)/Document Capture (Mac OS X): Click **Scan Settings > Text Enhancement**.  
Epson Scan 2: Click the **Advanced Settings** tab > **Text Enhancement**.

- When **Black & White** is selected as the **Image Type**:

Check that **Text Enhancement** is selected.

Document Capture Pro (Windows)/Document Capture (Mac OS X): Click **Scan Settings** > **Text Enhancement**.

Epson Scan 2: Click the **Advanced Settings** tab > **Text Enhancement**.

Depending on the condition of your scanned image, click **Settings** in the Epson Scan 2 window and try setting a lower level for **Edge Enhancement** or a higher level for **Noise Reduction Level**.

## Scanned Image or Text is Blurred

You can adjust the appearance of the scanned image or text by increasing the resolution or adjusting the image quality.

- Change the resolution, and then scan again.

Set the appropriate resolution for the purpose of your scanned image.

- Check that **Text Enhancement** is selected.

Document Capture Pro (Windows)/Document Capture (Mac OS X): Click **Scan Settings** > **Text Enhancement**.

Epson Scan 2: Click the **Advanced Settings** tab > **Text Enhancement**.

- When **Black & White** is selected as the **Image Type**:

Depending on the condition of your scanned image, click **Settings** in the Epson Scan 2 window and try setting a lower level for **Edge Enhancement** or a higher level for **Noise Reduction Level**.

- If you are scanning in JPEG format, try changing the compression level.

Document Capture Pro (Windows)/Document Capture (Mac OS X): Click **Option** on the **Save Settings** screen, and then change the image quality for JPEG.

Epson Scan 2: Click **Image Format** > **Options**, and then change the **Image Quality**.

## List of Recommended Resolutions to Suit Your Purpose

See the table and set the appropriate resolution for the purpose of your scanned image.

Purpose	Resolution (Reference)
Displaying on a screen Sending by email	Up to 200 dpi
Using Optical Character Recognition (OCR) Creating a text searchable PDF	200 to 300 dpi
Printing using a printer Sending by fax	200 to 300 dpi

## Moiré Patterns (Web-Like Shadows) Appear

If the original is a printed document, moiré patterns (web-like shadows) may appear in the scanned image.

- Check that **Descreening** is selected in the Epson Scan 2 window. When you are using Document Capture Pro, you can open the window by pressing the **Detailed Settings** button on the **Scan Settings** screen.  
Click the **Advanced Settings** tab > **Descreening**.



- Change the resolution, and then scan again.

## The Edge of the Original is Not Scanned when Automatically Detecting the Size of the Original

Depending on the original, the edge of the original may not be scanned when automatically detecting the size of the original.

- Adjust **Crop Margins for Size "Auto"** in the Epson Scan 2 window. When you are using Document Capture Pro, you can open the window by pressing the **Detailed Settings** button on the **Scan Settings** screen.  
Click the **Main Settings** tab > **Document Size** > **Settings**. On the **Document Size Settings** screen, adjust **Crop Margins for Size "Auto"**.
- Depending on the original, the area of the original may not be detected correctly when using the **Auto Detect** feature. Select the appropriate size of the original from the **Document Size** list.

### **Note:**

*If the size of the original you want to scan is not on the list, create the size manually in the Epson Scan 2 window. When you are using Document Capture Pro, you can open the window by pressing the **Detailed Settings** button on the **Scan Settings** screen.*

*Click the **Main Settings** tab > **Document Size**, and then select **Customize**.*

## Character is not Recognized Correctly

Check the following to increase the recognition rate of OCR (Optical Character Recognition).

- Check that the original is placed straight.
- Use an original with clear text. Text recognition may decline for the following types of originals.
  - Originals that have been copied a number of times
  - Originals received by fax (at low resolutions)
  - Originals on which the letter spacing or line spacing is too small
  - Originals with ruled lines or underlining over the text
  - Originals with hand-written text
  - Originals with creases or wrinkles
- Paper type made of thermal paper such as receipts may deteriorate due to age or friction. Scan them as soon as possible.

- When saving to Microsoft® Office or **Searchable PDF** files, check that the correct languages are selected.

## Cannot Solve Problems in the Scanned Image

If you have tried all of the solutions and have not solved the problem, initialize the application settings by using Epson Scan 2 Utility.

**Note:**

*Epson Scan 2 Utility is one of the applications supplied with the scanner software.*

1. Start Epson Scan 2 Utility.
  - Windows 10  
Click the start button, and then select **EPSON > Epson Scan 2 Utility**.
  - Windows 8.1/Windows 8  
Enter the application name in the search charm, and then select the displayed icon.
  - Windows 7  
Click the start button, and then select **All Programs** or **Programs > EPSON > Epson Scan 2 > Epson Scan 2 Utility**.
  - Mac OS  
Select **Go > Applications > Epson Software > Epson Scan 2 Utility**.
2. Select the **Other** tab.
3. Click **Reset**.

**Note:**

*If initialization does not solve the problem, uninstall and re-install the scanner driver (Epson Scan 2).*

---

## Uninstalling and Installing Applications

### Uninstalling Your Applications

You may need to uninstall and then reinstall your applications to solve certain problems or if you upgrade your operating system. Log on to your computer as an administrator. Enter the administrator password if the computer prompts you.

### Uninstalling Your Applications for Windows

1. Quit all running applications.
2. Disconnect the scanner from your computer.
3. Open the Control Panel:
  - Windows 10  
Right-click the start button or press and hold it, and then select **Control Panel**.

- Windows 8.1/Windows 8

Select **Desktop > Settings > Control Panel**.

- Windows 7

Click the start button and select **Control Panel**.

4. Select **Uninstall a program** in **Programs**.
5. Select the application you want to uninstall.
6. Click **Uninstall/Change** or **Uninstall**.

**Note:**

*If the User Account Control window is displayed, click Continue.*

7. Follow the on-screen instructions.

**Note:**


*A message may be displayed prompting you to restart your computer. If it is displayed, make sure **I want to restart my computer now** is selected, and then click **Finish**.*

## Uninstalling Your Applications for Mac OS

**Note:**

*Make sure you installed EPSON Software Updater.*

1. Download the Uninstaller using EPSON Software Updater.  
Once you have downloaded the Uninstaller, you do not need to download it again each time you uninstall the application.
2. Disconnect the scanner from your computer.
3. To uninstall the scanner driver, select **System Preferences** from the Apple menu > **Printers & Scanners** (or **Print & Scan, Print & Fax**), and then remove the scanner from the enabled scanner list.
4. Quit all running applications.
5. Select **Go > Applications > Epson Software > Uninstaller**.
6. Select the application you want to uninstall, and then click Uninstall.

 **Important:**

*The Uninstaller removes all drivers for Epson scanners on the computer. If you use multiple Epson scanners and you only want to delete some of the drivers, delete all of them first, and then install the necessary scanner drivers again.*

**Note:**

*If you cannot find the application you want to uninstall in the application list, you cannot uninstall using the Uninstaller. In this situation, select **Go > Applications > Epson Software**, select the application you want to uninstall, and then drag it to the trash icon.*

## Installing Your Applications

Follow the steps below to install the necessary applications.

**Note:**

- Log on to your computer as an administrator. Enter the administrator password if the computer prompts you.
- When reinstalling applications, you need to uninstall them first.

1. Quit all running applications.
2. When installing scanner driver (Epson Scan 2), disconnect the scanner and the computer temporarily.

**Note:**

*Do not connect the scanner and the computer until you are instructed to do so.*

3. Install the application by following the instructions on the Website below.

<http://epson.sn>

**Note:**

*For Windows, you can also use the software disc that came with the scanner.*

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# Technical Specifications

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System Requirements. . . . . 179

## General Scanner Specifications

**Note:**

Specifications are subject to change without notice.

Scanner type	Sheet Feed, one pass duplex color scanner
Photoelectric device	CIS
Effective pixels	5,100×9,300 at 600 dpi 2,550×64,500 at 300 dpi
Light source	RGB LED
Scanning resolution	600 dpi (main scan) 600 dpi (sub scan)
Output resolution	50 to 1200 dpi (in 1 dpi increments)*1
Document Size	Max: 215.9×6,096 mm (8.5×240 inches) Min: 50.8×50.8 mm (2×2 inches)
Paper input	Face-down loading
Paper output	Face-down ejection
Paper capacity	50 sheets of paper at 80 g/m <sup>2</sup>
Color Depth	<p>Color</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 30 bits per pixel internal (10 bits per pixel per color internal)</li> <li><input type="checkbox"/> 24 bits per pixel external (8 bits per pixel per color external)</li> </ul> <p>Grayscale</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 10 bits per pixel internal</li> <li><input type="checkbox"/> 8 bits per pixel external</li> </ul> <p>Black and white</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 10 bits per pixel internal</li> <li><input type="checkbox"/> 1 bit per pixel external</li> </ul>
Interface	SuperSpeed USB

\*1 You can scan long paper in the following resolutions.

- 1,346.0 mm (53 in.) or less: up to 600 dpi
- 5,461.0 mm (215 in.) or less: up to 300 dpi
- 6,096.0 mm (220 in.) or less: up to 200 dpi

## Dimensions and Weight Specifications

Dimensions *	Width: 296 mm (11.7 inches) Depth: 169 mm (6.7 inches) Height: 176 mm (6.9 inches)
Weight	Approx. 3.7 kg (8.2 lb)

\* Without protruding parts and the input tray.

## Electrical Specifications

### Scanner Electrical Specifications

Rated DC Input Power Supply Voltage	DC 24 V
Rated DC Input Current	1 A
Power Consumption	<input type="checkbox"/> Operating: Approx. 11 W <input type="checkbox"/> Ready mode: Approx. 5.4 W <input type="checkbox"/> Sleep mode : Approx. 1.0 W <input type="checkbox"/> Power off: Approx. 0.1 W

**Note:**

For European users, see the following Website for details on power consumption.

<http://www.epson.eu/energy-consumption>

### AC Adapter Electrical Specifications

Model	A461H (AC 100-240 V) A462E (AC 220-240 V)
Rated Input Current	1 A
Rated Frequency Range	50-60 Hz
Rated Output Power Supply Voltage	DC 24 V
Rated Output Current	1 A

**Note:**

For European users, see the following Website for details on power consumption.

<http://www.epson.eu/energy-consumption>

## Environmental Specifications

Temperature	When operating	5 to 35 °C (41 to 95 °F)
	When stored	-25 to 60 °C (-13 to 140 °F)
Humidity	When operating	15 to 80% (without condensation)
	When stored	15 to 85% (without condensation)
Operating conditions		Ordinary office or home conditions. Avoid operating the scanner in direct sunlight, near a strong light source, or in extremely dusty conditions.

## Flatbed Scanner Dock Specifications

Interface		Hi-Speed USB
Rated DC Input Power Supply Voltage		DC 24 V
Dimensions		Width: 300 mm (11.8 inches) Depth: 481 mm (18.9 inches) Height: 245 mm (9.6 inches) Assembled with the Sheet Feed Scanner and the Flatbed Scanner
Weight		Approx. 1.1 kg (2.4 lb)
Temperature	When operating	10 to 35 °C (50 to 95 °F)
	When stored	-20 to 60 °C (-4 to 140 °F)
Humidity	When operating	20 to 80% (without condensation)
	When stored	20 to 85% (without condensation)

## System Requirements

Supported operating systems may vary depending on the application.

Windows	Windows 10 (32-bit, 64-bit) Windows 8.1 (32-bit, 64-bit) Windows 8 (32-bit, 64-bit) Windows 7 (32-bit, 64-bit)
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Mac OS*1 *2	macOS Catalina macOS Mojave macOS High Sierra macOS Sierra OS X El Capitan OS X Yosemite
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\*1 Fast User Switching on Mac OS or later is not supported.  
\*2 The UNIX File System (UFS) for Mac OS is not supported.

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# Standards and Approvals

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## Standards and Approvals for European Models

### Product and AC adapter

The following models are CE marked and in compliance with all the applicable EU Directives. For further details, visit the following website to access the full declaration of conformities containing reference to the Directives and harmonized standards used to declare conformity.

<http://www.epson.eu/conformity>

J382D

A461H, A462E

### Flatbed Scanner Dock option

The following model is CE marked and in compliance with all the applicable EU Directives. For further details, visit the following website to access the full declaration of conformities containing reference to the Directives and harmonized standards used to declare conformity.

<http://www.epson.eu/conformity>

J381FBSD

## Standards and Approvals for Australian Models

### Product

EMC	AS/NZS CISPR32 Class B
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### AC adapter (A461H)

Safety	AS/NZS 60950.1
EMC	AS/NZS CISPR32 Class B

### Flatbed Scanner Dock option

EMC	AS/NZS CISPR32 Class B
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## Standards and Approvals for U.S. Models

### Product

EMC	FCC Part 15 Subpart B Class B CAN ICES-3 (B)/NMB-3 (B)
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**AC adapter (A461H)**

Safety	UL60950-1 CAN/CSA-C22.2 No.60950-1
EMC	FCC Part 15 Subpart B Class B CAN ICES-3 (B)/NMB-3 (B)

**Flatbed Scanner Dock option**

EMC	FCC Part 15 Subpart B Class B CAN/CSA-CEI/IEC CISPR 22 Class B
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# Where to Get Help

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## Technical Support Web Site

If you need further help, visit the Epson support website shown below. Select your country or region and go to the support section of your local Epson website. The latest drivers, FAQs, manuals, or other downloadables are also available from the site.

<http://support.epson.net/>

<http://www.epson.eu/support> (Europe)

If your Epson product is not operating properly and you cannot solve the problem, contact Epson support services for assistance.

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## Contacting Epson Support

### Before Contacting Epson

If your Epson product is not operating properly and you cannot solve the problem using the troubleshooting information in your product manuals, contact Epson support services for assistance. If Epson support for your area is not listed below, contact the dealer where you purchased your product.

Epson support will be able to help you much more quickly if you give them the following information:

- Product serial number  
(The serial number label is usually on the back of the product.)
- Product model
- Product software version  
(Click **About**, **Version Info**, or a similar button in the product software.)
- Brand and model of your computer
- Your computer operating system name and version
- Names and versions of the software applications you normally use with your product

**Note:**

*Depending on the product, the dial list data for fax and/or network settings may be stored in the product's memory. Due to breakdown or repair of a product, data and/or settings may be lost. Epson shall not be responsible for the loss of any data, for backing up or recovering data and/or settings even during a warranty period. We recommend that you make your own backup data or take notes.*

### Help for Users in Europe

Check your Pan-European Warranty Document for information on how to contact Epson support.

### Help for Users in Taiwan

Contacts for information, support, and services are:

### **World Wide Web**

<http://www.epson.com.tw>

Information on product specifications, drivers for download, and products enquiry are available.

### **Epson HelpDesk**

Phone: +886-2-80242008

Our HelpDesk team can help you with the following over the phone:

- Sales enquiries and product information
- Product usage questions or problems
- Enquiries on repair service and warranty

### **Repair service center:**

<http://www.tekcare.com.tw/branchMap.page>

TekCare corporation is an authorized service center for Epson Taiwan Technology & Trading Ltd.

## **Help for Users in Australia**

Epson Australia wishes to provide you with a high level of customer service. In addition to your product manuals, we provide the following sources for obtaining information:

### **Internet URL**

<http://www.epson.com.au>

Access the Epson Australia World Wide Web pages. Worth taking your modem here for the occasional surf! The site provides a download area for drivers, Epson contact points, new product information and technical support (e-mail).

### **Epson Helpdesk**

Phone: 1300-361-054

Epson Helpdesk is provided as a final backup to make sure our clients have access to advice. Operators on the Helpdesk can aid you in installing, configuring and operating your Epson product. Our Pre-sales Helpdesk staff can provide literature on new Epson products and advise where the nearest dealer or service agent is located. Many types of queries are answered here.

We encourage you to have all the relevant information on hand when you ring. The more information you prepare, the faster we can help solve the problem. This information includes your Epson product manuals, type of computer, operating system, application programs, and any information you feel is required.

### **Transportation of Product**

Epson recommends retaining product packaging for future transportation.

## **Help for Users in Singapore**

Sources of information, support, and services available from Epson Singapore are:

### **World Wide Web**

<http://www.epson.com.sg>

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), Sales Enquiries, and Technical Support via e-mail are available.

### **Epson HelpDesk**

Toll Free: 800-120-5564

Our HelpDesk team can help you with the following over the phone:

- Sales enquiries and product information
- Product usage questions or problem troubleshooting
- Enquiries on repair service and warranty

## **Help for Users in Thailand**

Contacts for information, support, and services are:

### **World Wide Web**

<http://www.epson.co.th>

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and e-mail are available.

### **Epson Call Centre**

Phone: 66-2685-9899

Email: [support@eth.epson.co.th](mailto:support@eth.epson.co.th)

Our Call Centre team can help you with the following over the phone:

- Sales enquiries and product information
- Product usage questions or problems
- Enquiries on repair service and warranty

## **Help for Users in Vietnam**

Contacts for information, support, and services are:

### **Epson Service Center**

65 Truong Dinh Street, District 1, Ho Chi Minh City, Vietnam.

Phone(Ho Chi Minh City): 84-8-3823-9239, 84-8-3825-6234

29 Tue Tinh, Quan Hai Ba Trung, Hanoi City, Vietnam

Phone(Hanoi City): 84-4-3978-4785, 84-4-3978-4775

## Help for Users in Indonesia

Contacts for information, support, and services are:

### World Wide Web

<http://www.epson.co.id>

- Information on product specifications, drivers for download
- Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

### Epson Hotline

Phone: +62-1500-766

Fax: +62-21-808-66-799

Our Hotline team can help you with the following over the phone or fax:

- Sales enquiries and product information
- Technical support

### Epson Service Center

Province	Company Name	Address	Phone E-mail
DKI JAKARTA	ESS JAKARTA MANGGADUA	Ruko Mall Mangga Dua No. 48 Jl. Arteri Mangga Dua, Jakarta Utara - DKI JAKARTA	(+6221) 62301104 jkt-admin@epson-indonesia.co.id
NORTH SUMATERA	ESC MEDAN	Jl. Bambu 2 Komplek Graha Niaga Nomor A-4, Medan - North Sumatera	(+6261) 42066090 / 42066091 mdn-adm@epson-indonesia.co.id
WEST JAWA	ESC BANDUNG	Jl. Cihampelas No. 48 A Bandung Jawa Barat 40116	(+6222) 4207033 bdg-admin@epson-indonesia.co.id
DI YOGYAKARTA	ESC YOGYAKARTA	YAP Square, Block A No. 6 Jl. C Simanjutak Yogyakarta - DIY	(+62274) 581065 ygy-admin@epson-indonesia.co.id
EAST JAWA	ESC SURABAYA	Hitech Mall Lt. 2 Block A No. 24 Jl. Kusuma Bangsa No. 116 - 118 Surabaya - JATIM	(+6231) 5355035 sby-admin@epson-indonesia.co.id
SOUTH SULAWESI	ESC MAKASSAR	Jl. Cendrawasih NO. 3A, kunjung mae, mariso, MAKASSAR - SULSEL 90125	(+62411) 8911071 mksr-admin@epson-indonesia.co.id
WEST KALIMANTAN	ESC PONTIANAK	Komp. A yani Sentra Bisnis G33, Jl. Ahmad Yani - Pontianak Kalimantan Barat	(+62561) 735507 / 767049 pontianak-admin@epson-indonesia.co.id
RIAU	ESC PEKANBARU	Jl. Tuanku Tambusai No.459A Pekanbaru Riau	(+62761) 8524695 pkb-admin@epson-indonesia.co.id

Province	Company Name	Address	Phone E-mail
DKI JAKARTA	ESS JAKARTA SUDIRMAN	Wisma Keiai Lt. 1 Jl. Jenderal Sudirman Kav. 3 Jakarta Pusat - DKI JAKARTA 10220	(+6221) 5724335 ess@epson-indonesia.co.id
EAST JAWA	ESS SURABAYA	Ruko Surya Inti Jl. Jawa No 2-4 Kav. 29 Surabaya - Jawa Timur	(+6231) 5014949 esssby@epson-indonesia.co.id
BANTEN	ESS SERPONG	Ruko Mall WTC Matahari No. 953, Serpong- Banten	(+6221) 53167051 / 53167052 esstag@epson-indonesia.co.id
CENTRAL JAWA	ESS SEMARANG	Komplek Ruko Metro Plaza Block C20 Jl. MT Haryono No 970 Semarang - JAWA TENGAH	(+6224) 8313807 / 8417935 esssmg@epson-indonesia.co.id
EAST KALIMANTAN	ESC SAMARINDA	Jl. KH. Wahid Hasyim (M. Yamin) Kelurahan Sempaja Selatan Kecamatan Samarinda UTARA - SAMARINDA - KALTIM	(+62541) 7272904 escsmd@epson-indonesia.co.id
SOUTH SUMATERA	ESC PALEMBANG	Jl. H.M Rasyid Nawawi No. 249 Kelurahan 9 Ilir Palembang Sumatera Selatan	(+62711) 311330 escplg@epson-indonesia.co.id
EAST JAVA	ESC JEMBER	JL. Panglima Besar Sudirman Ruko no.1D Jember-Jawa Timur (Depan Balai Penelitian & Pengolahan Kakao)	(+62331) 488373 / 486468 jmr-admin@epson-indonesia.co.id
NORTH SULAWESI	ESC MANADO	Tekno Megamall Lt LG 11 TK 21, Kawasan Megamas Boulevard, Jl Piere Tendean, Manado - SULUT 95111	(+62431) 8890996 MND-ADMIN@EPSON- INDONESIA.CO.ID

For other cities not listed here, call the Hot Line: 08071137766.

## Help for Users in Hong Kong

To obtain technical support as well as other after-sales services, users are welcome to contact Epson Hong Kong Limited.

### Internet Home Page

<http://www.epson.com.hk>

Epson Hong Kong has established a local home page in both Chinese and English on the Internet to provide users with the following information:

- Product information
- Answers to Frequently Asked Questions (FAQs)
- Latest versions of Epson product drivers

### Technical Support Hotline

You can also contact our technical staff at the following telephone and fax numbers:

Phone: 852-2827-8911

Fax: 852-2827-4383

## Help for Users in Malaysia

Contacts for information, support, and services are:

### World Wide Web

<http://www.epson.com.my>

- Information on product specifications, drivers for download
- Frequently Asked Questions (FAQ), Sales Enquiries, questions through e-mail

### Epson Call Centre

Phone: +60 1800-8-17349

- Sales enquiries and product information
- Product usage questions or problems
- Enquiries on repair services and warranty

### Head Office

Phone: 603-56288288

Fax: 603-5628 8388/603-5621 2088

## Help for Users in India

Contacts for information, support, and services are:

### World Wide Web

<http://www.epson.co.in>

Information on product specifications, drivers for download, and products enquiry are available.

### Helpline

- Service, product information, and ordering consumables (BSNL Lines)
  - Toll-free number: 18004250011
  - Accessible 9am to 6pm, Monday through Saturday (Except public holidays)
- Service (CDMA & Mobile Users)
  - Toll-free number: 186030001600
  - Accessible 9am to 6pm, Monday through Saturday (Except public holidays)

## Help for Users in the Philippines

To obtain technical support as well as other after sales services, users are welcome to contact the Epson Philippines Corporation at the telephone, fax numbers and e-mail address below:

### World Wide Web

<http://www.epson.com.ph>

Information on product specifications, drivers for download, Frequently Asked Questions (FAQ), and E-mail Enquiries are available.

**Epson Philippines Customer Care**

Toll Free: (PLDT) 1-800-1069-37766

Toll Free: (Digital) 1-800-3-0037766

Metro Manila: (+632)441-9030

Web Site: <https://www.epson.com.ph/contact>

E-mail: [customercare@epc.epson.com.ph](mailto:customercare@epc.epson.com.ph)

Accessible 9am to 6pm, Monday through Saturday (Except public holidays)

Our Customer Care team can help you with the following over the phone:

- Sales enquiries and product information
- Product usage questions or problems
- Enquiries on repair service and warranty

**Epson Philippines Corporation**

Trunk Line: +632-706-2609

Fax: +632-706-2663