

bizhub PRESS /

1250/1250P/1052

bizhub PRO /

951

Additional Information

Product specifications have been modified for bizhub PRESS 1250/1250P/1052 and bizhub PRO 951.

This Additional Information describes the changes in operation procedures and precautions for use which are required due to the modification, as well as changed contents of specifications.

Please read it through.

Keep this booklet beside the machine so that it is readily available for reference.

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Description of Quick Security Setting

1 Description of Quick Security Setting

Quick Security is a newly added feature of the machine.

1.1 Overview of Quick Security

Quick Security Setting is provided to ensure a certain level of security and to enable users to prevent data or information leakage from the machine connected to external networks (Internet) without requiring security expertise.

Quick Security Setting should be performed by the administrator. General users cannot perform the setting.

Select any of the following features to ensure security of the machine.

- **Quick IP Filtering**
The range of IP addresses used to connect to the machine can be limited based on the IP address of the machine. Also, the range of IP addresses allowed to connect can be limited based on the IP address and subnet mask of the machine.
- **Administrator Password**
Generally, the administrator cannot turn Admin. Authentication of the machine ON/OFF. Therefore, the administrator password cannot be set when Admin. Authentication is set to OFF.
In [Quick Security Setting], you can set a desired administrator password when Admin. Authentication is set to OFF and the default administrator password is left unchanged. At this time, Admin. Authentication is automatically turned ON.
When the default administrator password has been changed and Admin. Authentication is set to OFF, you can change it again to a new one and turn Admin. Authentication ON.
When Admin. Authentication is set to ON, you can change the administrator password on the screen accessed from [Utility] - [Administrator Setting] - [Security Setting] as well as from [Utility] - [Quick Security Setting].
- **Password Rules Setting**
More strict password rules are enforced to ensure that only passwords compliant with the rules are accepted. Only passwords which are compliant with the rules will be accepted when you attempt to set a password for the folder containing data or to change/register any password.
- **Web Utilities Setting**
Web Utilities, which has the potential for security issues unless securely managed, can be disabled.
- **PSWC Setting**
PageScope Web Connection, which also has the potential for security issues unless securely managed, can be disabled.
- **Security Warning Display Setting**
When Administrator Password is set to default or Admin. Authentication is set to OFF and the power supply of the machine is turned ON, the security setting warning screen is displayed to prompt the user to change the administrator password and to turn Admin. Authentication ON.

NOTICE

When Admin. Authentication is set to ON and [Quick Security Setting] is selected, the administrator password is required.

When Admin. Authentication is set to OFF, you can configure [Quick Security Setting] without entering the administrator password.

To ensure security of the machine, it is recommended that you turn Admin. Authentication ON. Contact your service representative, if desired.

NOTICE

In order to ensure more robust security, it is recommended that you use Enhanced Security Mode. Contact your service representative, if desired.

1.2 Quick Security Setting

1.2.1 Configuring the Quick Security Setting

The features of Quick Security Setting can be configured on the Quick Security Setting Menu Screen.

The Quick Security Setting Menu Screen can be accessed in one of the following three ways. Regardless of the procedure, the same Quick Security Setting Menu Screen is displayed.

- 1) Press [Set Now] on the security setting warning screen.
- 2) Press [Quick Security Setting] on the Utility Menu Screen.
- 3) Press [Administrator Setting] on the Utility Menu Screen, then press [Network Setting] - [Quick Security Setting].



Reference

When [Display] is selected in [Security Warning Display Setting], the security setting warning screen will be displayed at a given timing. See page 1-11 for details.

1.2.2 List of Items in Quick Security Setting

Menu Item/Description	Setting value: (with default boldfaced)
[01 Quick IP Filtering] You can limit devices to be allowed access to the machine based on the IP address (IPv4/IPv6).	Filtering method: No Filtering, Sync. IP Address , Sync. Subnet Mask Machine NIC: IPv4 Access Range Controller NIC: IPv4 Access Range, IPv6 Access Range
[02 Administrator Password] You can set an administrator password for the machine on which Admin. Authentication is set to OFF. Admin. Authentication is automatically turned ON.	Current Password, New Password, Input Confirmation
[03 Password Rules Setting] You can select to enable or disable the password rules.	Enable, Disable
[04 WebUtilities Setting] You can specify whether or not to use the Web Utilities function.	Use , Not Use
[05 PSWC Setting] You can specify whether or not to use the Page-Scope Web Connection function.	Use , Not Use
[06 Security Warning Display] You can specify whether or not to display the security setting warning screen.	Display, Not Display

1.2.3 How to Access the Quick Security Setting Menu Screen

There are three ways to access the Quick Security Setting Menu Screen. This section describes the procedure to access the screen via the Utility Menu Screen.

- 1 Press **Utility/Counter**.



- 2 Press [Quick Security Setting].



- 3 If a password entry screen is displayed, enter 8 alphanumeric characters for the administrator password, then press [OK].



- 4 The Quick Security Setting Menu Screen will be displayed.



To exit these setting menus and trace back the hierarchy, press [Close] until a desired screen is displayed.

1.2.4 Quick IP Filtering: Limiting Connections to the Machine

You can limit devices to be allowed access to the machine based on the IP address and subnet mask.

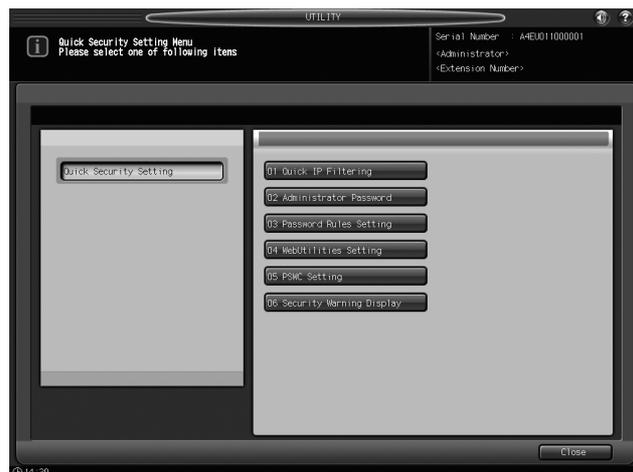
The machine is equipped with Machine NIC and Controller NIC, and the effective range of each can be checked.

[No Filtering]: the machine allows access from all IP addresses.

[Sync. IP Address]: By setting the effective range of IPv4 for Machine NIC and that of IPv4/IPv6 for Controller NIC according to the IP address specified for the machine, the range of IP addresses to be allowed access is limited.

[Sync. Subnet Mask]: The range of IP addresses to be allowed access is limited using the IP address and subnet mask/prefix specified for the machine.

- 1 Follow the procedure on page 1-4 to display the Quick Security Setting Menu Screen.
- 2 Press [Quick IP Filtering] on the Quick Security Setting Menu Screen.



- 3 Select a filtering method.
 - Select [No Filtering], [Sync. IP Address], or [Sync. Subnet Mask].



- When [Sync. IP Address] or [Sync. Subnet Mask] is selected, the effective range of IP address can be viewed. Press [Machine NIC] or [Controller NIC] to check each of the effective ranges.

- 4 Press [OK] to complete the setting.

- Press [Sync. IP Address] or [Sync. Subnet Mask], then press [OK] to confirm the effective IP address range of IPv4 for Machine NIC and of IPv4 and IPv6 for Controller NIC.
- To cancel the change, press [Cancel]. In both cases, you will return to the Quick Security Setting Menu Screen.

1.2.5 Administrator Password: Changing Administrator Password and Turning Admin. Authentication ON

You can set an administrator password for the machine on which Admin. Authentication is set to OFF. Admin. Authentication is automatically turned ON. The administrator password must be exactly 8 alphanumeric characters.

NOTICE

Be sure not to forget the password. If you have forgotten the password, contact your service representative.

- 1 Follow the procedure on page 1-4 to display the Quick Security Setting Menu Screen.
- 2 Press [Administrator Password] on the Quick Security Setting Menu Screen.



- 3 Press [Current Password] to enter the password currently used, then press [OK].



- 4 Press [New Password] to enter a new password, then press [OK].
 → Enter 8 alphanumeric characters for the administrator password.
- 5 Press [Input Confirmation] to enter your new password once more, then press [OK].
- 6 Press [OK] to complete the setting.
 → To cancel the change, press [Cancel]. In both cases, you will return to the Quick Security Setting Menu Screen.



Reference

If you set an administrator password that is not compliant with the password rules, you cannot select [Enable] in [Password Rules Setting]. When [Enable] is selected in [Password Rules Setting], an administrator password that is not compliant with the password rules will be rejected. For details of the [Password Rules Setting], see page 1-7.

1.2.6 Password Rules Setting: Enabling the Password Rules

You can select to enable or disable the password rules.

If [Enable] is selected, the passwords for the machine should be stricter according to the following password rules.

Password Rules

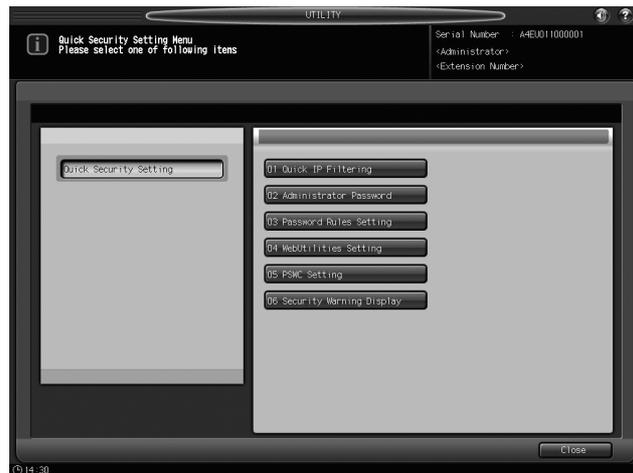
Specify the number (8 or more) of alphanumeric characters required in a password. A password less than 8 characters, which was previously accepted, will be rejected. A string consisting of same single character is also prohibited (e.g. aaaaaaaaa). The following is the list of passwords to which the password rules apply:

- Administrator password
- User password
- Account password
- Password for HDD store/folder
- Password to be set for Secure Print (when creating or viewing a secure folder)
- Password to be set in Scan Setting/registering a user box
- Various passwords for SNMP settings

These passwords are case-sensitive.

Only the single byte symbols are accepted.

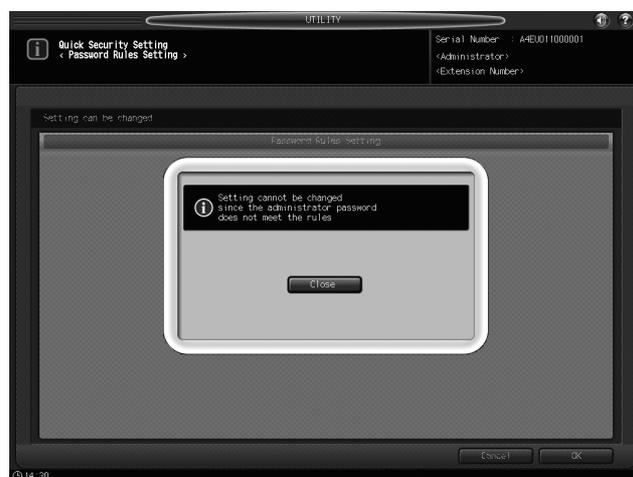
- 1 Follow the procedure on page 1-4 to display the Quick Security Setting Menu Screen.
- 2 Press [Password Rules Setting] on the Quick Security Setting Menu Screen.



- 3 Select [Enable] or [Disable].



- If the administrator password is left at the default setting or is not compliant with the password rules, a dialog is displayed to notify you that the selection is invalid when [Enable] is pressed. Change the administrator password to one that is compliant with the password rules. See page 1-6 for details.



- 4 Press [OK] to complete the setting.
 - To cancel the change, press [Cancel]. In both cases, you will return to the Quick Security Setting Menu Screen.

1.2.7 Web Utilities Setting: Selecting Whether or Not to Use Web Utilities

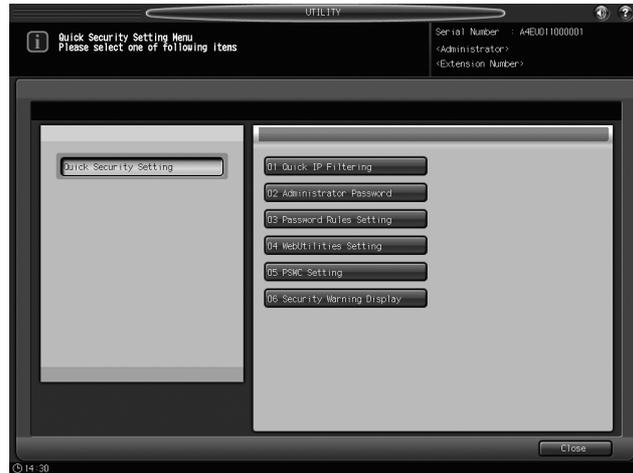
You can specify whether or not to use the Web Utilities function.



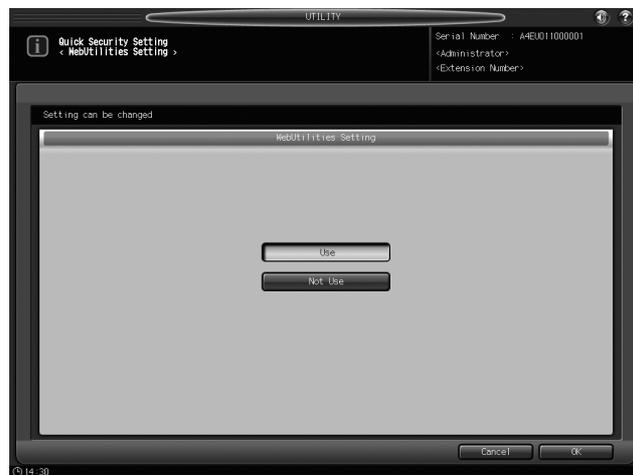
Reference

For details of the Web Utilities function, refer to Section 8 of User's Guide - POD Administrator's Reference (or Section 13 of User's Guide - Main Body for **bizhub PRESS 1250P** (Inch area)).

- 1 Follow the procedure on page 1-4 to display the Quick Security Setting Menu Screen.
- 2 Press [WebUtilities Setting] on the Quick Security Setting Menu Screen.



- 3 Select [Use] or [Not Use].



- 4 Press [OK] to complete the setting.
 - To cancel the change, press [Cancel]. In both cases, you will return to the Quick Security Setting Menu Screen.

1.2.8 PSWC Setting: Selecting Whether or Not to Use the PageScope Web Connection Function

You can specify whether or not to use the PageScope Web Connection function.



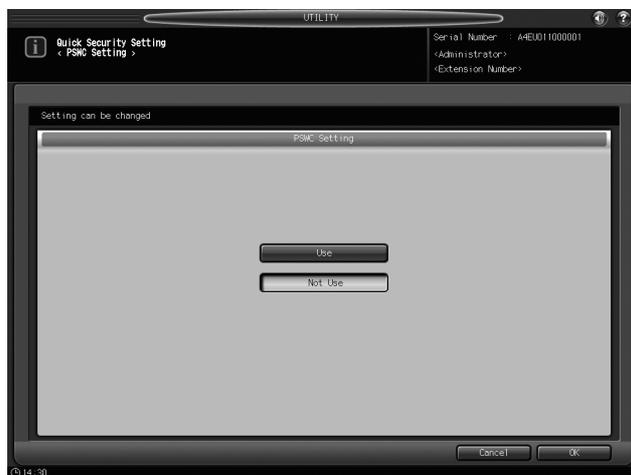
Reference

For details of the PageScope Web Connection function, refer to Section 9 of User's Guide - POD Administrator's Reference (or Section 14 of User's Guide - Main Body for **bizhub PRESS 1250P** (Inch area)).

- 1 Follow the procedure on page 1-4 to display the Quick Security Setting Menu Screen.
- 2 Press [PSWC Setting] on the Quick Security Setting Menu Screen.



- 3 Select [Use] or [Not Use].



- 4 Press [OK] to complete the setting.
→ To cancel the change, press [Cancel]. In both cases, you will return to the Quick Security Setting Menu Screen.

1.2.9 Security Warning Display: Selecting Whether or Not to Display the Security Warning Display

You can specify whether or not to display the security setting warning screen.

If [Display] is selected, the security setting warning screen appears when the machine is in one of the following states:

The warning is displayed if:

- The administrator password is left unchanged from the default
- Admin. Authentication is set to OFF

The security setting warning screen is displayed when:

- The power of the machine is turned on
- The machine is recovered from the power saving modes (Low Power Mode/Auto Shut OFF Mode)
- The machine is waiting for an entry of the Password for Non-Business Hours for the Weekly Timer function



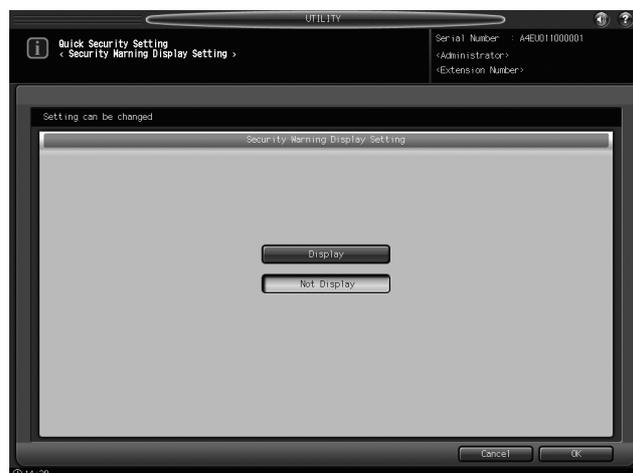
Reference

For details on the administrator password and the Admin. Authentication function, see page 1-6.

- 1 Follow the procedure on page 1-4 to display the Quick Security Setting Menu Screen.
- 2 Press [Security Warning Display] on the Quick Security Setting Menu Screen.



- 3 Select [Display] or [Not Display].



- 4 Press [OK] to complete the setting.
 - To cancel the change, press [Cancel]. In both cases, you will return to the Quick Security Setting Menu Screen.

1.2.10 If the Security Warning Is Displayed

General users and administrator use different methods of operation. Follow the applicable procedure below.

General user's operation

- 1 Press [Set Later].



The default (initial) screen is displayed to allow you normal operations.

- If a password entry screen is displayed when you press [Set Now], press [Cancel]. The default screen is displayed to allow you normal operations.



- If the Quick Security Setting Menu Screen is displayed when you press [Set Now], contact your administrator. Pressing [Close] displays the default screen to allow you normal operations.



Reference

You can select the default screen on the screen accessed from [Utility Menu] - [System Setting] - [Default Screen Setting]. For details, refer to Section 7 of User's Guide - POD Administrator's Reference (or Section 12 of User's Guide - Main Body for **bizhub PRESS 1250P** (Inch area)).

Administrator's operation

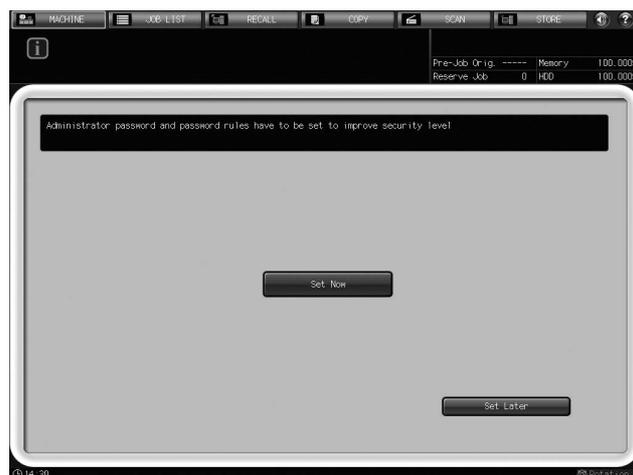
The administrator needs to change the administrator password to a new one in [Quick Security Setting] - [Administrator Password] and turn Admin. Authentication ON as soon as possible.

NOTICE

If a general user presses [Set Now] when Admin. Authentication is turned OFF, he/she is allowed to make changes to the items in [Quick IP Filtering], [PSWC Setting], and [Security Warning Display] of [Quick Security Setting].

When the administrator changes the password to a new one in [Quick Security Setting] - [Administrator Password], Admin. Authentication is automatically turned ON. In this case, when a general user presses [Set Now] on the security setting warning screen, he/she is required to enter the administrator password and the Quick Security Setting Menu Screen will not be displayed.

- 1 Press [Set Now].



- 2 Press [Administrator Password] on the Quick Security Setting Menu Screen.

- 3 Change the administrator password to your desired one.



- For details on how to set up the administrator password, see page 1-6.
 - If you want to select [Enable] in [Password Rules Setting] in step 4, an administrator password compliant with the password rules needs to be set. See page 1-7 for details.
- Once the new password setting is completed, Admin. Authentication is automatically turned ON.

- 4 Make changes to other items if needed.
- 5 Press [Close] to complete the setting.
The default screen is displayed to allow you normal operations.

2 Both Sides Adjust

2 Both Sides Adjust

The description of the Both Sides Adjust procedure has been modified to include the additional scan measurement adjustment and gap adjustment.

For details of "4 Both Sides Adjust" in [User's Guide - POD Administrator's Reference] (or "4.5 Both Sides Adjust" in [User's Guide - Main Body] for **bizhub PRESS 1250P** (Inch area)), see this document.

2.1 Both Sides Adjust

For double-sided printing, correct misalignment of printing positions or magnification ratios between front and back sides.

At the time of printing, heat in the fusing section may cause paper to slightly enlarge or shrink, and how much the paper is affected depends on the type or weight of paper. After changing the paper loaded in a tray, we recommend that you perform the Both Sides Adjust.

2.1.1 Types and Features of Both Sides Adjust

The Both Sides Adjust includes four adjustment methods as described below. (Scan Measurement Adjustment is not available for **bizhub PRESS 1250P**.)

- Scan Measurement Adjustment
 - This is a method to align the front and back sides by adjusting the magnification ratio and printing position of the back side with reference to the front side. Using the scanner function of this machine, scan up to 20 sheets of the adjustment chart to make the adjustment automatically.
- Gap Adjustment
 - This is a method to align the front and back sides by adjusting the magnification ratio and printing position of the back side with reference to the front side. If numerical data of misalignment between front and back sides is unknown, output a chart to measure the measuring points with the scale, and then enter the measured values to make the adjustment.
- Chart Adjustment
 - This is a method to align the front and back sides by adjusting the magnification ratio and printing position of the front and back sides. If numerical data of misalignment between front and back sides is unknown, output a chart to measure the measuring points with the scale, and then enter the measured values to make the adjustment.
- Zoom/Image Shift Adjustment
 - This is a method to make fine adjustment after the Scan Measurement Adjustment, Gap Adjustment, or Chart Adjustment or to align the known gap between the front and back sides.

NOTICE

To adjust both front and back sides, perform the Chart Adjustment or Zoom/Image Shift Adjustment.

NOTICE

The Zoom/Image Shift Adjustment can be registered in the paper setting to be recalled later. The Scan Measurement Adjustment, Gap Adjustment, and Chart Adjustment can be specified for each tray but cannot be registered and recalled as a paper setting.

The Zoom/Image Shift Adjustment can be specified for each tray by pressing [Tray Setting] or [Both Sides Adjust] on the Machine Screen. It can be registered in the paper setting to be recalled later. A temporary adjustment is also available by pressing [Paper Presetting] on the Copy Screen, but the tray cannot be fixed with the adjustment value. The adjustment value cannot also be registered as a paper setting.

2.1.2 To Enter the Both Sides Adjust Screen

The following methods are provided to enter the Both Sides Adjust Screen:

- Start with pressing [Both Sides Adjust] on the Machine Screen.
- Start with pressing [Tray Setting] - [Change Set] on the Machine Screen.
- Start with pressing [Schedule] - [Tray Setting] - [Change Set] on the Job List Screen.
- Start with pressing [Paper Presetting] - [Change Set] on the Copy Screen.

The Zoom/Image Shift values which were adjusted in [Tray Setting] can be registered. You can also recall and modify the registered Zoom/Image Shift values.

2.2 The Workflow of Both Sides Adjust

Perform the Both Sides Adjust in the following order:

1. Checking reference positions on the print side

In order to determine the misalignment, the adjustments of the reference positions, which are required on the main body, must be completed.

Before performing the Both Sides Adjust, verify the adjustment values of the reference positions and modify them if needed.

NOTICE

The adjustments of the reference positions on the print side are advanced adjustments. Contact your service representative in advance of the adjustments.

The adjustments of the reference positions on the print side can be accessed from [01 Machine Adjustment] on the Adjustment Menu Screen.

First, make adjustments for the front side in the following order:

- [01 Magnification Adjustment] - [01 Printer FD-Mag. Adj. (Side 1)]
- [01 Magnification Adjustment] - [03 Printer CD-Mag. Adj. (Side 1)]
- [02 Timing Adjustment] - [01 Printer Restart Timing (Side 1)]

Then, make adjustments for the back side in the following order:

- [01 Magnification Adjustment] - [02 Printer FD-Mag. Adj. (Side 2)]
- [01 Magnification Adjustment] - [04 Printer CD-Mag. Adj. (Side 2)]
- [02 Timing Adjustment] - [02 Printer Restart Timing (Side 2)]

When the above adjustments are completed for both front and back sides, make the following adjustment:

- [03 Centering Adjustment] - [01 Printer Centering Adjustment]

2. Performing the Both Sides Adjust for each tray

The adjustment can be made by the four methods given below. (Scan Measurement Adjustment is not available for **bizhub PRESS 1250P**.)

- Scan Measurement Adjustment: This is a method to align the front and back sides by adjusting the magnification ratio and printing position of the back side with reference to the front side. You can perform the Both Sides Adjust automatically by using the scanner function of this machine.
- Gap Adjustment: This is a method to align the front and back sides by adjusting the magnification ratio and printing position of the back side with reference to the front side.
- Chart Adjustment: This is a method to align the front and back sides by adjusting the magnification ratio and printing position of the front and back sides.
- Zoom/Image Shift Adjustment: This is a method to make fine adjustment after the Scan Measurement Adjustment, Gap Adjustment, or Chart Adjustment or to align the known gap between the front and back sides.
- It is practical to first perform the Chart Adjustment or Zoom/Image Shift Adjustment to adjust the magnification ratio and printing position of the front side, then perform the Scan Measurement Adjustment or Gap Adjustment to adjust those of the back side.
- You need not perform both of the Scan Measurement Adjustment and Gap Adjustment.
- You can change the default screen for the Both Sides Adjust Screen. Contact your service representative, if desired. (The Scan Measurement Adjustment Screen cannot be specified as the default screen for **bizhub PRESS 1250P**.)

2.2.1 Scan Measurement Adjustment

Adjust the magnification ratio and printing position of the back side with reference to the printing position of the front side. The magnification ratio and printing position of the back side are automatically adjusted by using the scanner function of this machine to measure the gap amount in printing position of the back side to the front side. You do not need to measure the gap amount with a scale. The adjustment is available for paper of all sizes which can be used with this machine.

Print out 1 to 20 sheets of the adjustment chart having both front and back sides printed, and scan them 4 times per sheet. The average value of gap amounts in printing position of the back side to the front side, which can be obtained by scanning up to 20 sheets of the adjustment chart, will be calculated in order to adjust the magnification ratio and printing position of the back side.

NOTICE

bizhub PRESS 1250P, which is not mounted with a scanner, cannot scan the adjustment charts to perform the Scan Measurement Adjustment.

NOTICE

The Scan Measurement Adjustment provides the coordination based on the average value of gap amounts, taking into account the gap in printing position between the first and last sheets which can be produced when multiple sheets are output.

NOTICE

Performing the Scan Measurement Adjustment may require readjustment of the Zoom/Image Shift Adjustment registered in a paper profile.

NOTICE

The Scan Measurement Adjustment is a simple method to adjust only the magnification ratio and image position of the back side. To adjust both front and back sides, perform the Chart Adjustment or Zoom/Image Shift Adjustment.

- 1 Press [Both Sides Adjust] on the Machine Screen.



- 2 Select the tray loaded with paper to be adjusted.

- 3 Press [Scan Meas.].



4 Output a background sheet.

Press [Output Background Sheet] to display the PRINT MODE Screen for the background sheet, then press **Start** on the **control panel**. Check that the output is completed, then press [Close].



→ It is not necessary to output the background sheet if you already have one for use. Proceed to step 5.

NOTICE

Use paper of A3 or larger, or 11 × 17 or larger to output the background sheet. When you press [Output Background Sheet] to display the PRINT MODE Screen for the background sheet, the tray selected in step 2 is automatically selected on the screen, but it can be changed as desired. Select a tray loaded with A3 or larger, or 11 × 17 or larger paper. You can also change the print count, but only one sheet is needed. If the background sheet size is smaller than A3 or 11 × 17, the scan measurement may not be performed.

5 Output the necessary number of adjustment charts.

Press [1. Output Adjustment Chart] to display the PRINT MODE Screen for the adjustment chart. Enter the necessary number of adjustment charts, then press **Start** on the **control panel**.

The adjustment charts are double-sided printed on paper in the tray you selected in step 2. Check that the output is completed, then press [Close].

→ You can output 20 or more of the adjustment charts but cannot scan more than 20 sheets for measurement.



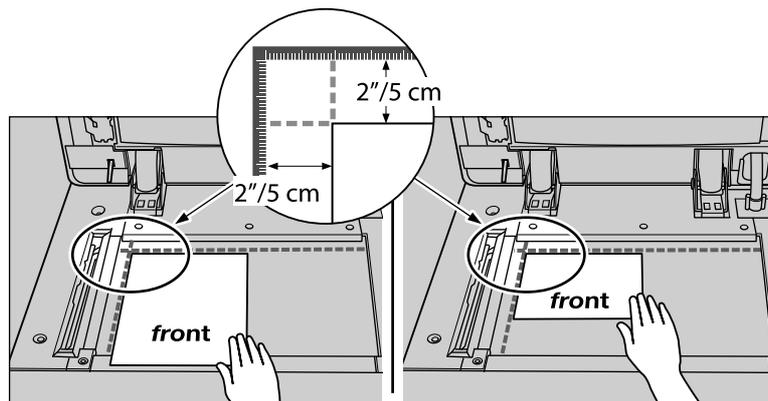
6 Press [2. Scan Adjustment Chart].



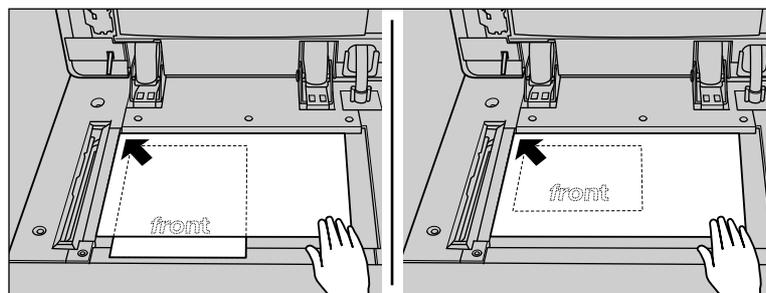
The Scan Adjustment Chart Screen is displayed.

7 Set the adjustment chart and background sheet on the original glass.

- Open the **ADF**.
- Set the front side of the adjustment chart face up (turned away from the original glass), with its top edge positioned to the back side. Place the top-left corner of the adjustment chart at a distance of about 2 inches (5 cm) each from the **vertical size guide** and **horizontal size guide**, and align the left and top edges parallel to the **vertical size guide** and **horizontal size guide** on the original glass.

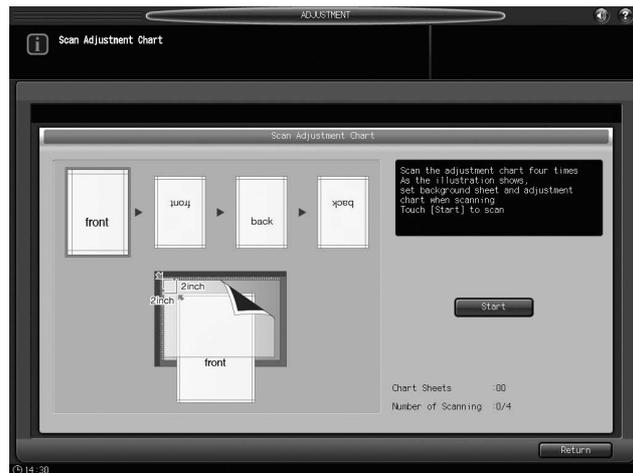


- Set the black side of the background sheet face down (facing to the original glass), and fit it to the **vertical size guide** and **horizontal size guide** as shown below. In doing so, be careful not to shift the position of the adjustment chart that has previously been set.

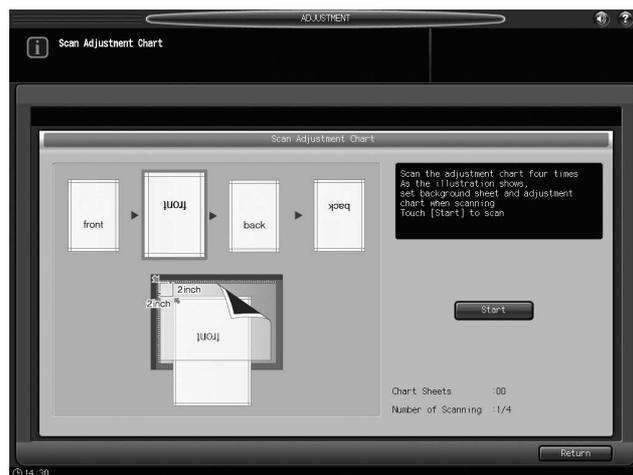


- Close the **ADF**.

- 8 Scan the adjustment chart.
Press [Start] on the Scan Adjustment Chart Screen.



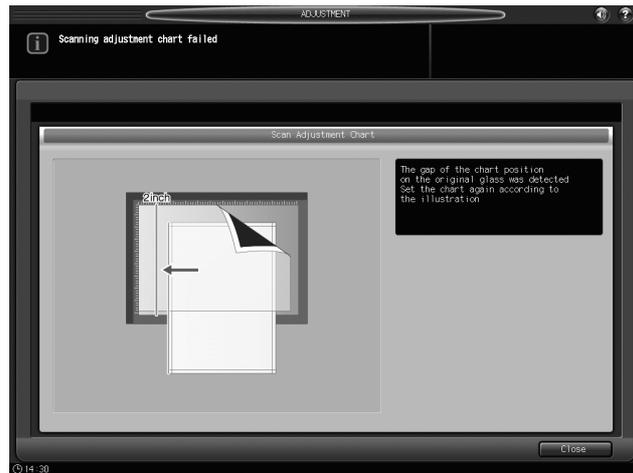
When scanning is properly completed, the counter of [Number of Scanning] on the Scan Adjustment Chart Screen is added by one, and the blue frame displayed in the illustration on the screen shifts to the next one on the right side. If you move the adjustment chart before the blue frame shifts to the next, the measurement may not be performed properly.



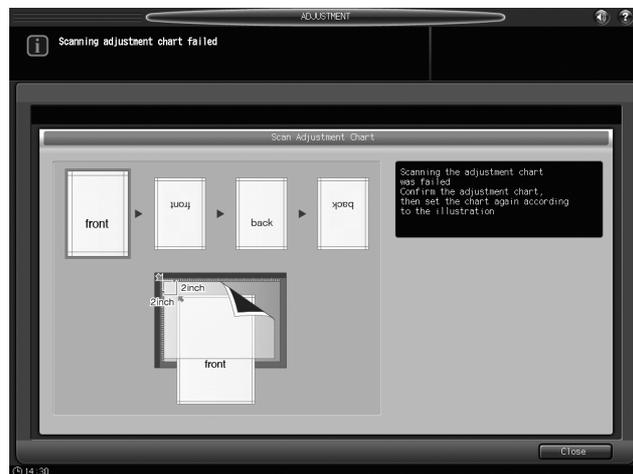
- If the **ADF** is open, the following dialog is displayed and you cannot start scanning. Close the **ADF**, and then press [Close] on the dialog.



- You may see the message [Scanning adjustment chart failed]. Follow the instruction on the screen to correctly set the adjustment chart and background sheet, and then press [Close].



- When the screen below is displayed, press [Close] again.

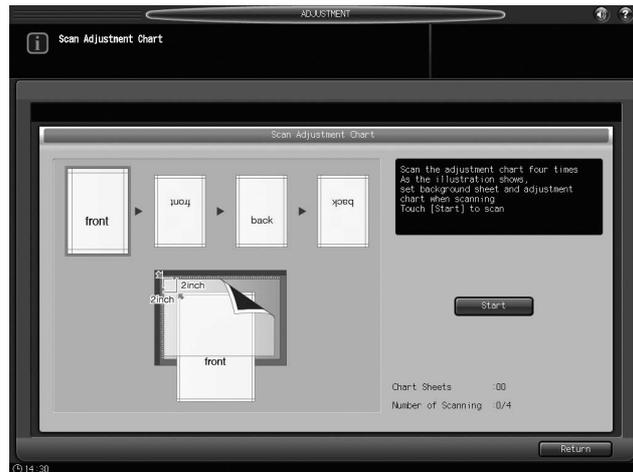


- If you press [Return] on the Scan Adjustment Chart Screen while the scan measurement is in process, the following dialog is displayed. To stop the scan measurement and discard the measurement results obtained so far, press [Yes]. Restart the scan measurement from the first scanning procedure. To continue the scan measurement, press [No].

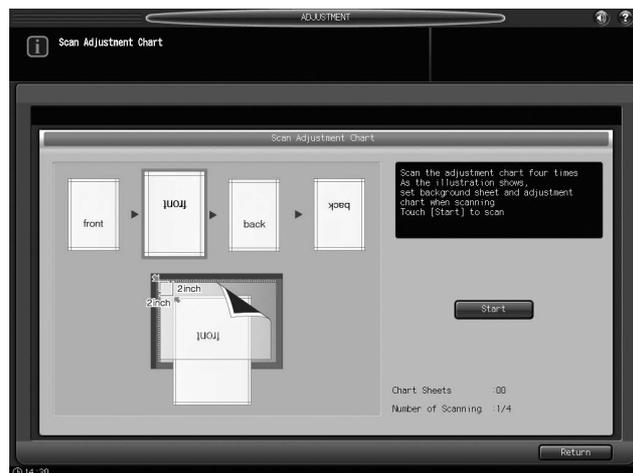


9 Repeat the scanning steps 7 and 8 four times for every adjustment chart.

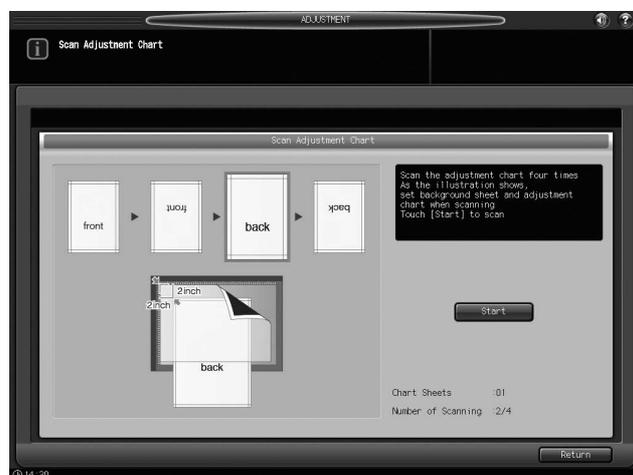
First time: Set the front side of the adjustment chart face up (turned away from the original glass), with its top edge positioned to the back side.



Second time: Set the front side of the adjustment chart face up (turned away from the original glass), with its bottom edge positioned to the back side.



Third time: Set the back side of the adjustment chart face up (turned away from the original glass), with its top edge positioned to the back side.



Fourth time: Set the back side of the adjustment chart face up (turned away from the original glass), with its bottom edge positioned to the back side.

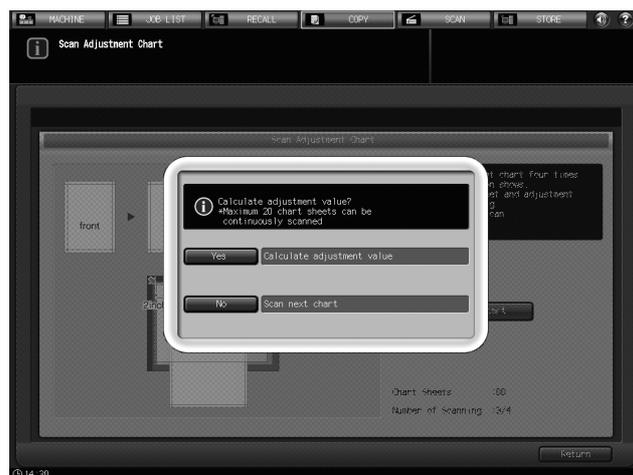


→ When four times of scanning are completed, a dialog is displayed to calculate the adjustment value.

- 10** Select whether to continue the scan measurement or to finish the scan measurement and calculate the adjustment value.

To continue the scan measurement, press [No].

To finish the scan measurement and calculate the adjustment value, press [Yes].



- Pressing [No] returns to the Scan Adjustment Chart Screen on which the counter of [Chart Sheets] is added by one. Repeat steps 7 to 9 for the number of adjustment charts. The measurement results will be added up. This operation can be repeated up to 20 times. When the 20th scan measurement is completed, [No] can no longer be pressed.
- Pressing [Yes] automatically calculates the adjustment value from the added measurement results and reflects it on Zoom and Image Shift to be specified for [Back]. After pressing [Yes], output a sheet of the adjustment chart to confirm the result. If readjustment is needed, repeat steps 5 to 10.
- If the adjustment value calculated by pressing [Yes] exceeds the adjustment range, the following dialog is displayed. Press [Close] to discard the measurement results, and restart the scan measurement from the beginning. Possible causes to exceed the adjustment range may include that the chart used in the scan measurement is incorrect (a different chart has been used), the printing position of the front side has been poorly adjusted, or the adjustments of the reference positions are not completed. Confirm these points before restarting the scan measurement.



11 Press [OK].



Now the Scan Measurement Adjustment is completed.

→ If fine tuning is needed, perform the Zoom/Image Shift Adjustment. See page 2-21 for details.

2.2.2 Gap Adjustment

Adjust the magnification ratio and printing position of the back side with reference to the printing position of the front side. Output a chart to measure the measuring points on the back side to obtain the gap amount between front and back sides in order to determine an adjustment value, and then enter the value to make the adjustment.

NOTICE

Performing the Gap Adjustment may require readjustment of the Zoom/Image Shift Adjustment registered in a paper profile.

NOTICE

Gap adjustment is a simple method to adjust only the magnification ratio and image position of the back side. To adjust both front and back sides, perform the Chart Adjustment or Zoom/Image Shift Adjustment.

- 1 Press [Both Sides Adjust] on the Machine Screen.



- 2 Select the tray loaded with paper to be adjusted.



- 3 Press [Gap].

- 4 Press [Print Mode].



5 Press **Start** on the **control panel**.

A test chart will be output.

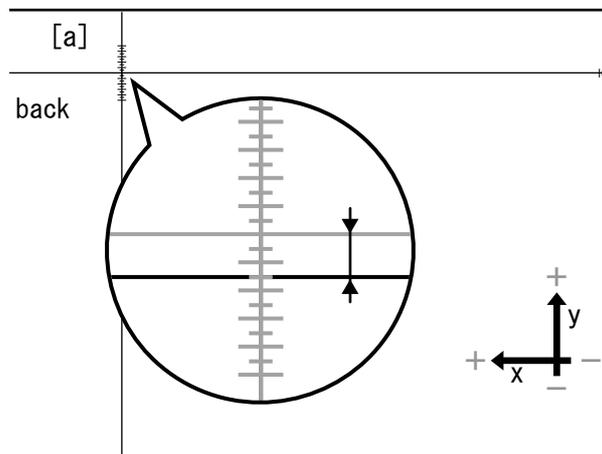
→ The chart has one or more of the ♦ marks on the [front] side to indicate which paper tray was used to print it. See page 2-25 for details.

6 Press [Close].



7 Measure the misalignment between front and back sides using the points ([a] to [d]) on the [back] side of the chart to determine the adjustment value.

- The figure below shows an example of measuring [a]. The scale interval is 0.5 mm.
- The black line in the figure represents the front side, and the gray line represents the back side.
- You can enter the value in 0.1 mm increments.
- Be sure to make note of the measured values.
- For example, when the scale of [a] shows the misalignment of 1.5 mm in positive direction between the front and back sides as shown in the figure below, press [1], [5], and then [+ <-> -] to enter the value "-1.5" in order to shift the gray line on the back side 1.5 mm in negative direction.



- 8 Press one of the buttons for the points [a] to [d] and enter the adjustment value using either the touch panel keypad or [▼] and [▲].



- If the misalignment of the print position is in negative direction, enter a positive value. If it is in positive direction, enter a negative value.
- Use [+<->-] to specify the value to be positive or negative.
- Press [Clear] to reset the value.

- 9 Press [Adjustment Start].



- If [Front] or [Back] is pressed before pressing [Adjustment Start], the entered value will be cleared. If adjustment is required, enter the adjustment value for the selected point, then press [Adjustment Start].
- The entered value will be applied to each point of [Back].

- 10 Press **Start** on the **control panel**.

A test chart will be output.

- 11 Measure the misalignment of the print position on the output chart.

Repeat steps 7 to 11 until there is no misalignment between the front and back sides.

12 Press [Close].



13 Press [OK].



Now the Gap Adjustment is completed.

→ If fine tuning is needed, perform the Zoom/Image Shift Adjustment. See page 2-21 for details.

2.2.3 Chart Adjustment

Output a chart to measure the measuring points on the front and back sides with the scale, and then enter the measured values to make the adjustment.

NOTICE

Performing the Chart Adjustment may require readjustment of the Zoom/Image Shift Adjustment registered in a paper profile.

- 1 Press [Both Sides Adjust] on the Machine Screen.



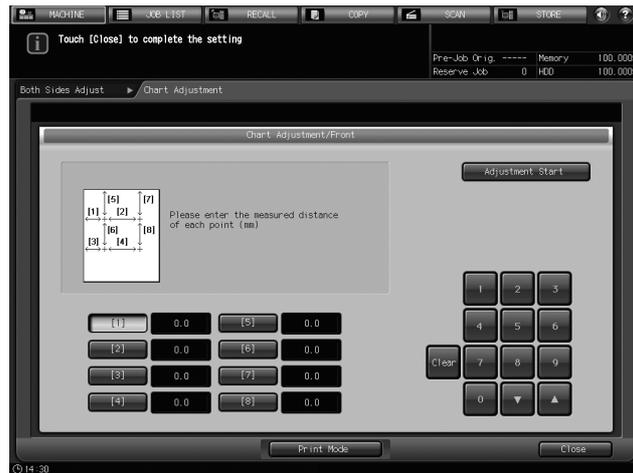
- 2 Select the tray loaded with paper to be adjusted.



- 3 Press [Front], then press [Chart Adjustment].



4 Press [Print Mode].

5 Press **Start** on the control panel.

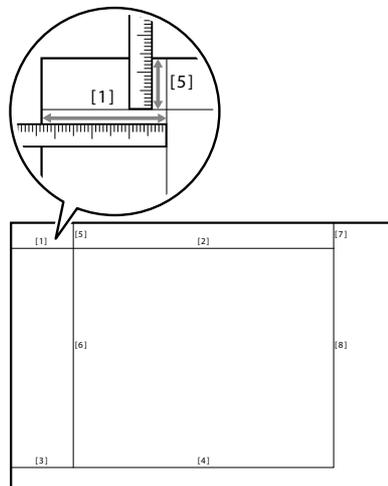
A test chart will be output.

6 Press [Close].

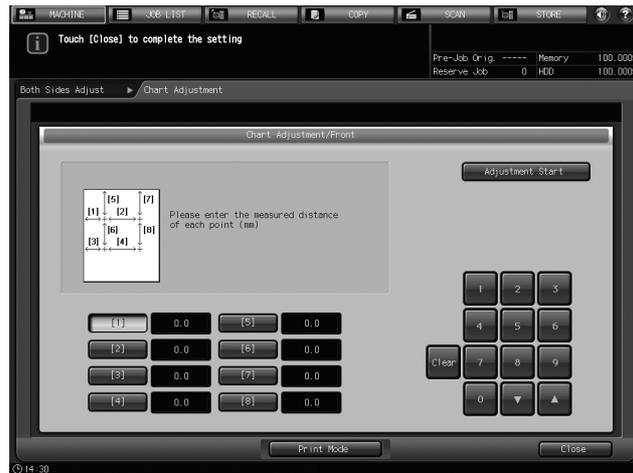


7 Measure the length of lines for each point from [1] to [8] printed on the chart.

- The figure below shows an example of measuring [1] and [5].
- You can enter the value in 0.1 mm increments.
- Be sure to make note of the measured length.

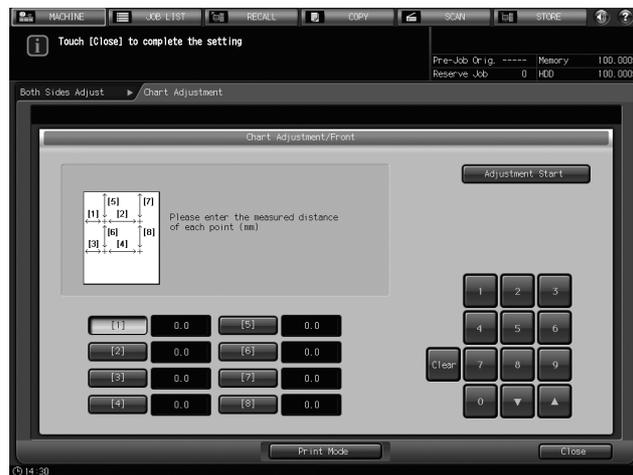


- 8 Press the number key provided for each point, and then enter the measured length using the touch panel keypad or [▼] and [▲].



→ Press [Clear] to reset the value.

- 9 Press [Adjustment Start].

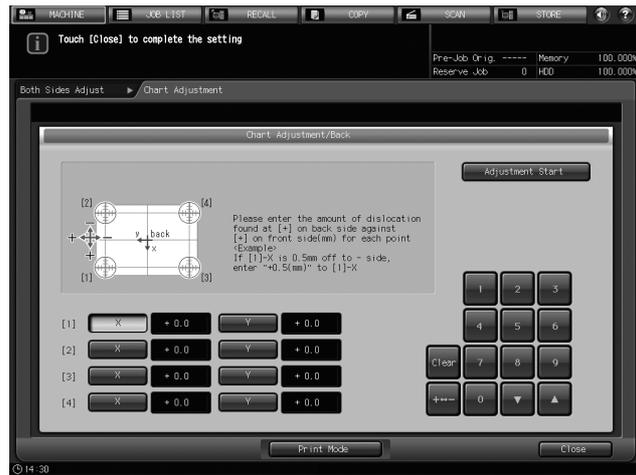


→ Then, make adjustments for the back side.

- 10 Press [Back], then press [Chart Adjustment].



11 Press [Print Mode].

12 Press **Start** on the control panel.

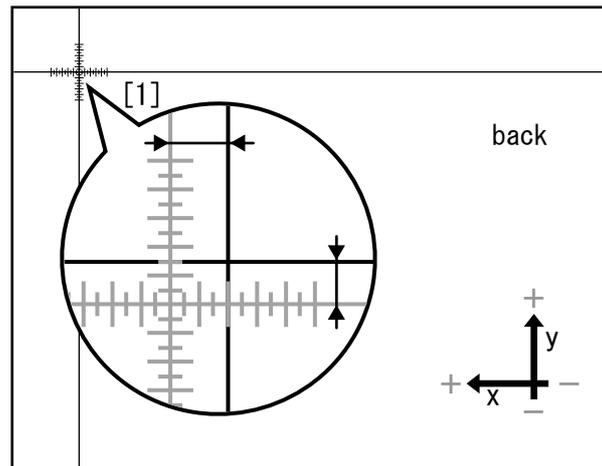
A test chart will be output.

→ The chart has one or more of the \blacklozenge marks on the [front] side to indicate which paper tray was used to print it. See page 2-25 for details.

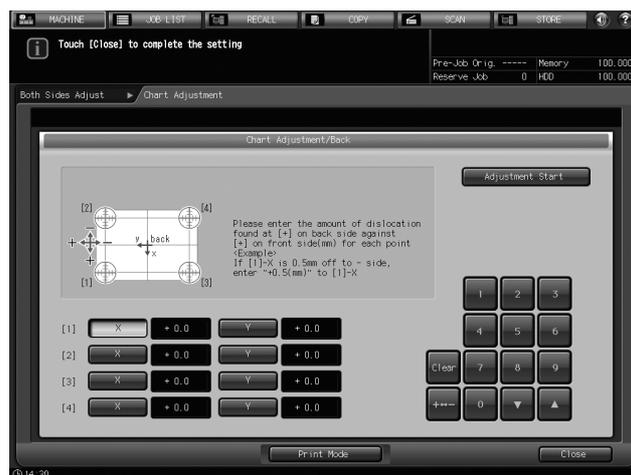
13 Press [Close].



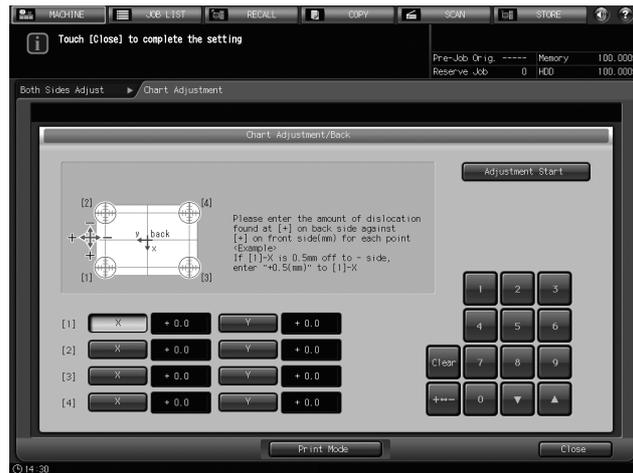
- 14** Measure the misalignment between the **+** marks [1] to [4] on the [back] side and **+** on the [front] side of the output chart.
- The figure below shows an example of measuring [1]. The scale interval is 0.5 mm.
 - The black **+** in the figure represents the front side, and the gray **+** represents the back side.
 - Measure the misalignments in the X direction and Y direction.
 - You can enter the value in 0.1 mm increments.
 - Be sure to make note of the measured values.
 - For example, when **+** of [1] on the back side is misaligned 2.0 mm in positive x direction and 1.5 mm in negative y direction as shown in the figure below, press [2], [0], and then [+ <-> -] for x and [1] then [5] for y in order to shift the gray line on the back side of [1] 2.0 mm in negative x direction and 1.5 mm in positive y direction.



- 15** Press [X] or [Y] of each point, and then enter the measured value using the touch panel keypad or [▼] and [▲].
- If the misalignment of the print position is in negative direction, enter a positive value. If it is in positive direction, enter a negative value.
 - Use [+<->-] to specify the value to be positive or negative.
 - Press [Clear] to reset the value.



16 Press [Adjustment Start].



17 Press [OK].



Now the Chart Adjustment is completed.

→ If fine tuning is needed, perform the Zoom/Image Shift Adjustment. See page 2-21 for details.

2.2.4 Zoom/Image Shift Adjustment

The magnification ratios and printing positions (up/down or right/left) on the front and back sides can be finely tuned. This is a practical method when fine-tuning after the Scan Measurement Adjustment, Gap Adjustment, or Chart Adjustment or when using the known results of duplex printing since you can directly enter adjustment values in percentage or a specific numerical number.

NOTICE

If you perform the Scan Measurement Adjustment, Gap Adjustment, or Chart Adjustment after the Zoom/Image Shift Adjustment, the Zoom/Image Shift Adjustment may be required again.

NOTICE

The Zoom/Image Shift Adjustment can be registered in the paper setting to be recalled later. To register the paper setting, make adjustments on the Tray Setting Screen and press [Register].

- 1 Press [Both Sides Adjust] on the Machine Screen.



- 2 Select the tray loaded with paper to be adjusted.



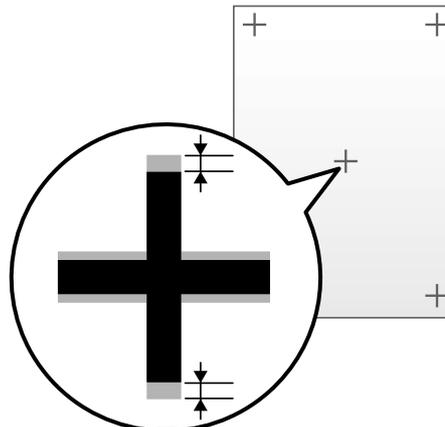
- 3 Press [Front] or [Back] to select the print side to be adjusted.



- 4 Enter numeric values for Zoom and Image Shift using the touch panel keypad.
- To adjust the Zoom, press [Vertical] or [Horizontal] and then enter a desired value.
[Vertical] adjusts the magnification in crosswise direction.
[Horizontal] adjusts the magnification in paper feed direction
Enter a positive value to enlarge the print area, or a negative value to reduce it.
The adjustment value changes in 0.05% increments.
Adjustable range:
-10 to +10 for [Horizontal] on both [Front] and [Back], and for [Vertical] on [Front]
-5 to +5 for [Vertical] on [Back]
 - To adjust the Image Shift, press [Up/Down] or [Right/Left] and then enter a desired value.
Enter a positive value to move the print area upward or rightward, or a negative value to move it downward or leftward.
The adjustment value changes in 0.1 mm increments.
Adjustable range: - 100 to + 100
 - You can change the value by pressing [▼] and [▲].
 - Press [+<->-] to specify the value to be positive or negative.
 - Press [Clear] key to reset the entered numeric value to [0].



- For the Zoom/Image Shift Adjustment, check paper at the center of the page.
The black + mark in the figure below represents an image on the front side, and the gray + mark represents the one on the back side.
- Adjustment example of Zoom:
- When the image on the back side is vertically enlarged to 10.025 mm against that of 10 mm on the front side,
press [Vertical] on [Back], and then press [5].
Press [+ <-> -] to display [- 5].
The back side images will be reduced by 0.25%.



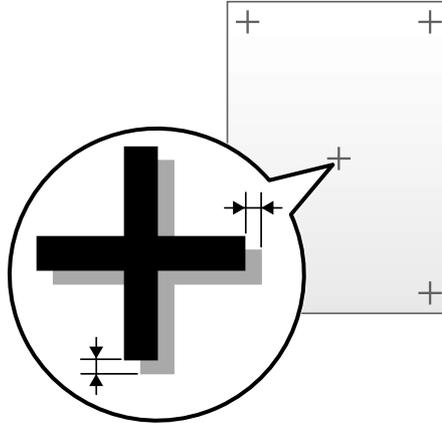
Adjustment example of Image Shift:

When the image on the back side is misaligned downward by 0.5 mm and rightward by 0.3 mm against that on the front side,

press [Up/Down] of [Back], and then press [5].[+5] is now displayed.

Press [Right/Left], and then press [3]. Press [+ <-> -] to display [- 3].

The back side images will be shifted upward by 0.5 mm and leftward by 0.3 mm.



5 Press [OK].



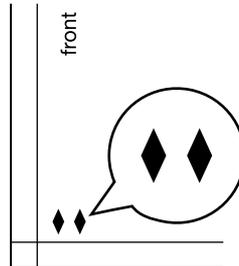
Now the Zoom/Image Shift Adjustment is completed.

2.3 Chart

The charts to be printed in [Chart Adjustment] for [Back] or in the Gap Adjustment have one or more of  marks on the [front] side.

NOTICE

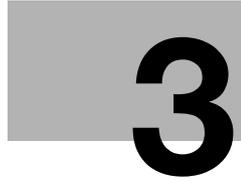
The mark is not printed on the charts printed as a result of selecting [Front] - [Chart Adjustment].



The number of  marks indicates which paper tray was used to print the chart.

Tray	Number of  marks	 mark sequence
Tray 1 (main body tray)	1	
Tray 2 (main body tray)	2	
Tray 3 (Large Capacity Unit LU-409/Large Capacity Unit LU-410)	4	
Tray 3 (Paper Feeder Unit PF-703/PF-706)	7	
Tray 4 (Paper Feeder Unit PF-703/PF-706)	8	
Tray 5 (Paper Feeder Unit PF-703/PF-706)	9	
Tray 6 (Paper Feeder Unit PF-703/PF-706)	13	
Tray 7 (Paper Feeder Unit PF-703/PF-706)	14	
Tray 8 (Paper Feeder Unit PF-703/PF-706)	15	
Tray 9 (Paper Feeder Unit PF-703)	16	
Tray 10 (Paper Feeder Unit PF-703)	17	
Tray 11 (Paper Feeder Unit PF-703)	18	

MEMO



**Large Capacity Stacker
LS-506**

3 Large Capacity Stacker LS-506

Large Capacity Stacker LS-506 is added as an option provided for **bizhub PRESS 1250/1250P/1052**.

The appearance, functionality, and usage of **Large Capacity Stacker LS-506** are identical to those of **Large Capacity Stacker LS-505**, while some specifications in paper size and paper weight are different. Refer to the following table.

3.1 Specifications

Name		LS-506
Type		Grip conveyer type horizontal stacking equipment
Function	Stacker: Sort (straight delivery)	Deliver non-offset sets to the stacker tray.
	Secondary (sub) tray	Deliver non-offset sets to the secondary (sub) tray.
	Stacker: Offset Sort (shift delivery)	Offset sorted sets by 0.787" (20 mm) upon exit to the stacker tray.
Stacker	Paper size	Standard: 13 × 19  , 12 × 18  , 11 × 17  , 8.5 × 14  , 8.5 × 11  /  , A3  , B4  , A4  /  , B5  , A5  , Foolscap, SRA3  , SRA4  /  , 9 × 11  Custom: Max. 13.03" × 19.21" (331 mm × 488 mm) to min. 8.27" × 5.83" (210 mm × 148 mm) Wide Paper Tab Paper (1 to 15 tabs*) (However, output sets cannot be offset when including tabbed sheets.) * Except 4 tabs and 10 tabs
	Paper weight	13 lb Bond to 93 lb Bond (50 g/m ² to 350 g/m ²)
	Stack capacity	<ul style="list-style-type: none"> 5,000 sheets (21 lb Bond / 80 g/m²), or detected by 5,000-sheet stack sensor Paper having 7.68" to 19.21" / 195 mm to 488 mm length in feeding direction 13 × 19  , 12 × 18  , 11 × 17  , 8.5 × 14  , 8.5 × 11  /  , A3  , B4  , A4  /  , Foolscap, SRA3  , SRA4  /  , 9 × 11  <ul style="list-style-type: none"> 2,000 sheets (21 lb Bond / 80 g/m²) Paper having 5.83" to 7.64" / 148 mm to 194 mm length in feeding direction B5  , A5 
Secondary (sub) tray	Paper size	Standard: 13 × 19  , 12 × 18  , 11 × 17  , 8.5 × 14  , 8.5 × 11  /  , 5.5 × 8.5  , A3  , B4  , A4  /  , B5  , A5  , Foolscap, SRA3  , SRA4  , 9 × 11  Custom: Max. 13.03" × 19.21" (331 mm × 488 mm) to min. 3.74" × 5.47" (95 mm × 139 mm) Wide Paper Tab Paper (only with the tab side ahead in output direction)
	Paper weight	14 lb Bond to 93 lb Bond (40 g/m ² to 350 g/m ²)
	Stack capacity	200 sheets (21 lb Bond / 80 g/m ²) Z-Fold: 20 sheets (21 lb Bond / 80 g/m ²) Half-Fold: 40 sheets (21 lb Bond / 80 g/m ²)
Dimensions		30.91" (W) × 28.46" (D) × 40.16" (H) (785 (W) × 723 (D) × 1,020 (H) mm)
Weight		242.5 lb (110 kg)
Power source		100 to 240 VAC, 5 VDC
Maximum power consumption		150 W or less



Saddle Stitcher SD-513

4 Saddle Stitcher SD-513

Saddle Stitcher SD-513 and its mountable devices, **Creaser Unit CR-101**, **Trimmer Unit TU-503**, and **Folding Unit FD-504** are added as options provided for this machine.

For details, refer to [User's Guide <Saddle Stitcher SD-513>].

5 **Printer Drivers**

5 Printer Drivers

5.1 Printer Drivers Compatible with Respective Operating Systems

Before using this printing system, you must install the printer driver.

The following lists the printer drivers included on the CD and the supported operating systems. Select the required printer driver.

The Windows OS listed below equally support the PCL driver, PS Plug-in driver, and PPD driver.

Supported operating systems

Windows Vista Business (SP2)*
Windows Vista Enterprise (SP2)*
Windows Vista Home Basic (SP2)*
Windows Vista Home Premium (SP2)*
Windows Vista Ultimate (SP2)*
Windows 7 Home Basic (SP1)
Windows 7 Home Premium (SP1)*
Windows 7 Professional (SP1)*
Windows 7 Enterprise (SP1)*
Windows 7 Ultimate (SP1)*
Windows 8*
Windows 8 Pro*
Windows 8 Enterprise*
Windows 8.1*
Windows 8.1 Pro*
Windows 8.1 Enterprise*
Windows 10 Home*
Windows 10 Pro*
Windows 10 Enterprise*
Windows 10 Education*
Windows Server 2008 Standard (SP2)*
Windows Server 2008 Enterprise (SP2)*
Windows Server 2008 R2 Standard (SP1)
Windows Server 2008 R2 Enterprise (SP1)
Windows Server 2012 Foundation
Windows Server 2012 Essentials
Windows Server 2012 Standard
Windows Server 2012 Datacenter
Windows Server 2012 R2 Foundation
Windows Server 2012 R2 Essentials
Windows Server 2012 R2 Standard
Windows Server 2012 R2 Datacenter

* Supports 32-bit (x86)/64-bit (x64) environment.

The following versions of Mac OS X support the PS Plug-in driver and PPD driver:

Mac OS X 10.6/10.7/10.8/10.9/10.10

Reference

- Either the installer or Add Printer wizard can be used for installing the PS Plug-in driver and PCL driver for Windows.

5.2 Manual Installation Using the Add Printer Wizard (Windows 8/8.1/Server 2012/Server 2012 R2)

This chapter describes the procedure for installing the Windows printer driver using the standard Windows 8/8.1/Server 2012/Server 2012 R2 Add Printer function, without using the installer. For details about how to manually install on an OS other than Windows 8/8.1/Server 2012/Server 2012 R2 or how to use the installer, refer to [User's Guide - Printer].

5.2.1 For Network Connection (LPR/Port 9100/SMB)

You can install the printer driver either by searching for the printer on the network, or by creating a new printer port.

Settings of this machine

To use Port 9100, LPR, or SMB printing, you must configure the network settings for the machine in advance.

Items to be configured	Description
IP Address	In [TCP/IP Settings], specify the IP address.
RAW port number	To use Port 9100 printing: In [TCP/IP Setting], enable the RAW port number (default value: [9100]).
LPD Setting	To use LPR printing: Set [LPD Setting] to [Enable] on the last page of [Detail Setting].
SMB Setting	To use SMB printing: In [SMB Setting] - [Print Settings], specify NetBIOS Name, Print Service Name, and Workgroup.



Reference

You can check the network settings such as the IP address of this machine by pressing [Administrator Setting] - [Network Setting] - [Controller NIC Setting] on the Utility Menu Screen.

The Utility Menu Screen is displayed by pressing **Utility/Counter** on the **control panel**.

To use SMB printing in the IPv6 environment, [Direct Hosting Setting] should be enabled.

Designate the file for the printer driver provided in "EN (en)" folder of each printer driver contained in the Driver CD-ROM.

Installing the printer driver by searching for the printer using the Add Printer Wizard

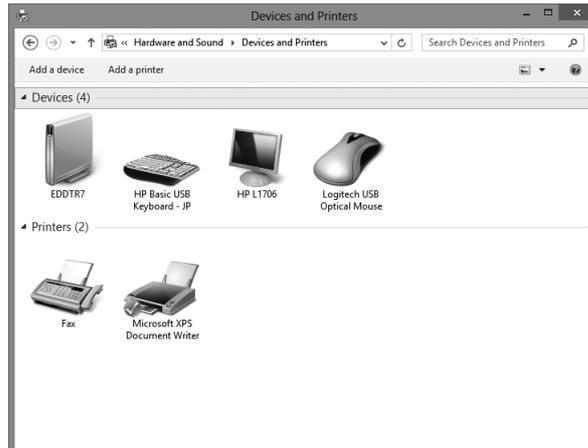
- ✓ Installing the driver requires the administrator privilege.
- ✓ Since the printer is searched for during the installation, be sure to connect this machine to the network before turning it on.

1 Insert the Driver CD-ROM into the CD-ROM drive.

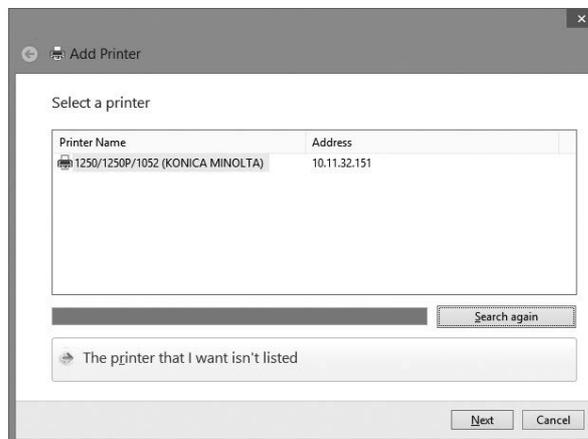
2 Right-click the Start window, and then click [Devices and Printers] under [All Applications] - [Control Panel] - [Hardware and Sound].

In Windows 8.1/Server 2012 R2, right-click the Start button [, and then click [Control Panel] - [Hardware and Sound] - [Devices and Printers].

- 3 On the toolbar, select [Add a printer].



- 4 Select this machine from the list, and then click [Next].



- To use the LPR/Port9100 protocol, select the printer with its IP address (e.g. 10.10.10.10).
- To use the SMB connection, select the printer with its "\\NetBIOS name\print service name". You can check the NetBIOS name and print service name by selecting [Administrator Setting] - [Network Setting] - [Controller NIC Setting] - [SMB Setting] - [Print Setting]. In the default setting, the last six characters of the NetBIOS name correspond to the low-order three bytes of the MAC address. To check the MAC address, select [Configuration Page].
- For the SMB connection, click [Next], and then click [OK] in the [Connect to Printer] page that is displayed.
- It may take some time to finish searching the entire list of printers.

- 5 Click [Have Disk...].

- 6 Click [Browse...].

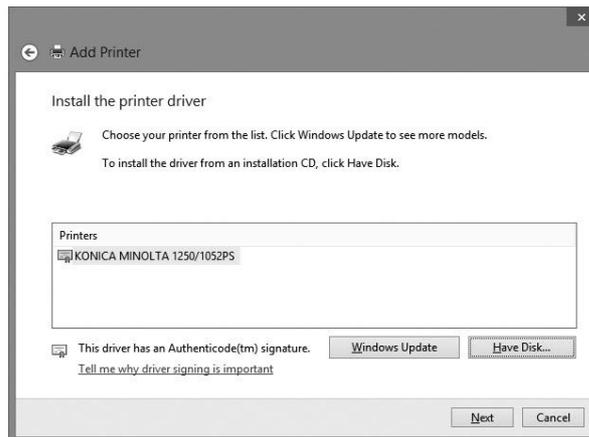
- 7 Select a desired printer driver in the CD-ROM, and then click [Open].

- Available printer drivers: PS Plug-in driver, PPD driver, PCL driver

- 8 Click [OK].

The [Printers] list is displayed.

- 9 Click [Next].



→ To use the SMB connection, click [OK].

- 10 Follow the instructions on the pages that follow.

→ If the [User Account Control] window is displayed, click [Continue] or [Yes].

- 11 Click [Finish].

- 12 After finishing the installation, make sure that the icon for the installed printer is displayed in the [Devices and Printers] window.

- 13 Remove the CD-ROM from the CD-ROM drive.

This completes the printer driver installation.

Installing the printer driver by creating a printer port

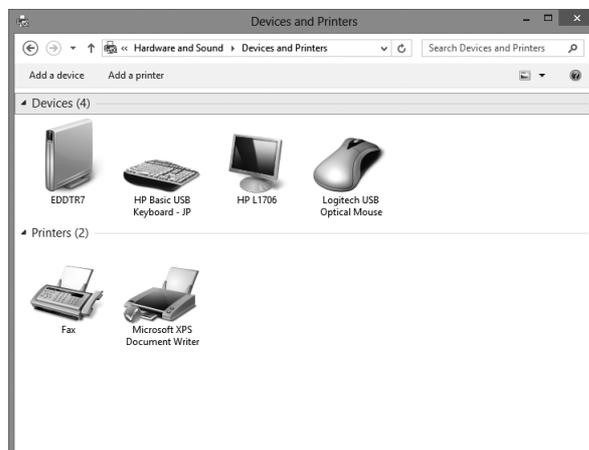
- ✓ Installing the driver requires the administrator privilege.
- ✓ Since the printer is searched for during the installation, be sure to connect this machine to the network before turning it on.

- 1 Insert the Driver CD-ROM into the CD-ROM drive.

- 2 Right-click the Start window, and then click [Devices and Printers] under [All Applications] - [Control Panel] - [Hardware and Sound].

In Windows 8.1/Server 2012 R2, right-click the Start button [Windows logo], and then click [Control Panel] - [Hardware and Sound] - [Devices and Printers].

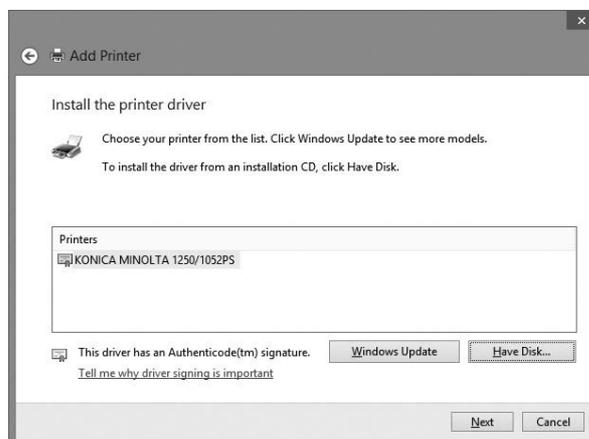
- 3 On the toolbar, select [Add a printer].



[Add Printer Wizard] appears.

- 4 In the window showing the search result, click [The printer that I want isn't listed].
- 5 Click [Add a local or network printer manually].
- 6 Click [Create a new port:], and then select the port type.
 - To use the LPR/Port 9100 protocol, select [Standard TCP/IP Port].
 - To use the SMB connection, select [Local Port].
- 7 Click [Next].
- 8 Specify the IP address and port.
 - To use the LPR/Port 9100 protocol, select [TCP/IP Device], and then enter the IP address.
 - To use the SMB connection, enter [\\NetBIOS name\print service name] in the "Port Name" box.
 - Enter the same NetBIOS name and print service name specified in [SMB Setting] - [Print Setting].
- 9 Click [Next].
 - If [Additional Port Information Required] or [More Port Information Required] dialog box appears, go to Step 11.
 - If the [Install the printer driver] dialog box appears, go to Step 13.
- 10 Select [Custom], and then click [Settings...].
- 11 Change the settings according to the port, and then click [OK].
 - For LPR connection, select [LPR], and then enter "Print" in the [Queue Name:] box.
 - You must discriminate between upper and lower case letters when entering it.
 - For Port 9100, select [Raw], and then enter a RAW port number (initial setting: [9100]) in the [Port Number:] box.
 - If both LPR and Port 9100 are enabled on this machine, the printer driver is connected to this machine using LPR.
- 12 Click [Next].

The [Install the printer driver] page appears.
- 13 Click [Have Disk...].
- 14 Click [Browse...].
- 15 Select a desired printer driver in the CD-ROM, and then click [Open].
 - Available printer drivers: PS Plug-in driver, PPD driver, PCL driver
- 16 Click [OK].
- 17 Click [Next].



- 18 Follow the instructions on the pages that follow.

→ If the [User Account Control] window is displayed, click [Continue] or [Yes].

19 Click [Finish].

20 After finishing the installation, make sure that the icon for the installed printer is displayed in the [Devices and Printers] or [Printers] window.

21 Remove the CD-ROM from the CD-ROM drive.
This completes the printer driver installation.

5.2.2 For Network Connection (IPP/IPPS)

Settings of this machine

To use IPP printing, you must configure the network settings for the machine in advance.

Items to be configured	Description
IP Address	In [TCP/IP Settings], specify the IP address.
IPP Setting	In [HTTP Server Setting], set [IPP Setting] to [Enable].



Reference

You can check the network settings such as the IP address of this machine by pressing [Administrator Setting] - [Network Setting] - [Controller NIC Setting] on the Utility Menu Screen.

The Utility Menu Screen is displayed by pressing **Utility/Counter** on the **control panel**.

Before you can use IPSS printing, you must register a certificate with this machine. You can use the self-signed certificate that is preinstalled in this machine.

Designate the file for the printer driver provided in "EN (en)" folder of each printer driver contained in the Driver CD-ROM.

Installing the printer driver using the Add Printer Wizard

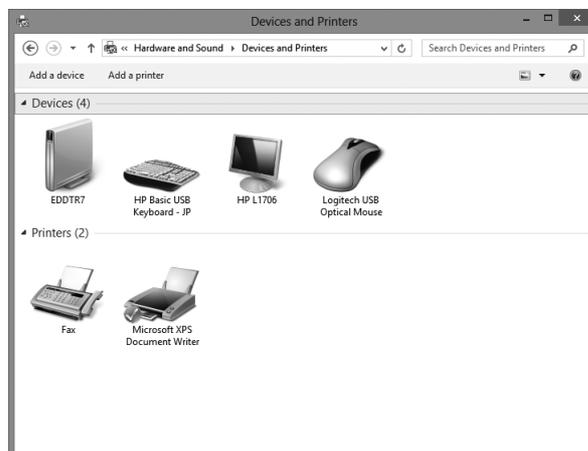
✓ Installing the driver requires the administrator privilege.

1 Insert the Driver CD-ROM into the CD-ROM drive.

2 Right-click the Start window, and then click [Devices and Printers] under [All Applications] - [Control Panel] - [Hardware and Sound].

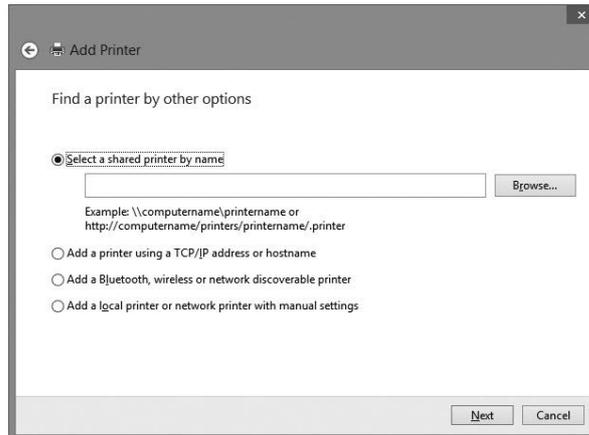
In Windows 8.1/Server 2012 R2, right-click the Start button [Windows logo], and then click [Control Panel] - [Hardware and Sound] - [Devices and Printers].

3 On the toolbar, select [Add a printer].



[Add Printer Wizard] appears.

- 4 In the window showing the search result, click [The printer that I want isn't listed].
- 5 In the [Select a shared printer by name] box, enter the URL for the machine in the following format, and then click [Next].



- `http://<IP address for the machine>/ipp`
Example: When the IP address for the machine is 192.168.1.20, `http://192.168.1.20/ipp`
 - When specifying to use IPPS printing, enter "`https://<host name>.<domain name>/ipp`". For <Host name>.<domain name>, specify the host name and domain name registered for the DNS server being used.
 - If the certificate for the machine is not the one issued by the certifying authority, you must register the certificate for the machine as the certificate by "Trusted Root Certification Authorities" for the computer account.
 - When registering a certificate to this machine, confirm that <host name>.<domain name> is displayed as the common name of the certificate.
- 6 Click [Have Disk...].
 - 7 Click [Browse...].
 - 8 Select a desired printer driver in the CD-ROM, and then click [Open].
 - Available printer drivers: PS Plug-in driver, PPD driver, PCL driver
 - 9 Click [OK].
 - 10 Click [OK].
 - 11 Follow the instructions on the pages that follow.
 - If the [User Account Control] window is displayed, click [Continue] or [Yes].
 - 12 Click [Finish].
 - 13 After finishing the installation, make sure that the icon for the installed printer is displayed in the [Devices and Printers] window.
 - 14 Remove the CD-ROM from the CD-ROM drive.

This completes the printer driver installation.

Once the settings for the printer have been configured, you can use the printer in the same way as a general local printer.

5.2.3 For Network Connection (Web Service Print)

You can locate and install the printers which support the Web service print function on the network.



Reference

To install a different printer driver in the computer where one has already been installed, you must uninstall the whole package of the currently installed printer driver. For details, see page 5-17 of this guide.

Settings of this machine

To use the Web service print, you must configure the network settings for the machine in advance.

Items to be configured	Description
IP Address	In [TCP/IP Settings], specify the IP address.
Web Service Setting	In [Web Service Setting], set [Print Setting] to [Enable].



Reference

You can check the network settings such as the IP address of this machine by pressing [Administrator Setting] - [Network Setting] - [Controller NIC Setting] on the Utility Menu Screen.

The Utility Menu Screen is displayed by pressing **Utility/Counter** on the **control panel**.

Making the printer driver known from the Network window

To use the Web service print, install the printer driver before making it recognized by the computer with plug and play.

- ✓ Installing the driver requires the administrator privilege.
- 1 Install the printer driver for this machine.
 - Install the printer driver using the installer or Add Printer Wizard. The printer driver can be installed in any port.
- 2 Turn on the power of the machine while it is connected to the network.
 - Since the printer is searched for, be sure to connect this machine to the network.
- 3 To use the Web service print, check that [Network discovery] is enabled in [Network and Sharing Center] - [Change advanced sharing settings] on the computer.
- 4 Open the [Network] window.
 - Click the [Network and Internet] category on the [Control Panel], and also click [View network computers and devices].
 - Connected computers and devices are detected.
- 5 Right click the device name of this machine and select [Install]. On the toolbar, click [Network] - [Add Devices and Printers]. In the window displayed, select the device name of this machine and then click [Next].
 - To check the device name, select [Network Setting] - [Controller NIC Setting] - [Web Service Setting] - [Print Setting] in [Administrator Setting] of this machine. In the default setting, the last six characters of [Printer Name] correspond to the low-order three bytes of the MAC address. To check the MAC address, select [Configuration Page].
 - The printer driver for this machine is detected and this machine is ready to print.
- 6 After finishing the installation, make sure that the icon for the installed printer is displayed in the [Devices and Printers] window.

Reference

- If the printer driver is not correctly installed, the driver must be updated using [Update Driver...]. For details, see page 5-10 of this guide.

5.2.4 For Local Connection

Making the installed printer driver known to the computer

To connect this machine using the USB port, install the printer driver before making it recognized by the computer with plug and play.

- 1 Install the printer driver for this machine.
 - Install the printer driver using the installer or Add Printer Wizard. To use the Add Printer Wizard, select the USB port to be connected in the [Choose a printer port] page. For details, see page 5-3 of this guide.
- 2 Connect this machine to the computer using a USB cable.
- 3 Turn on the power of this machine.

The printer driver for this machine is detected and this machine is ready to print.

 - If no printer driver is detected, turn this machine off, then on again. In this case, turn off this machine, and then wait approximately 10 seconds before turning it on again. If you turn this machine on immediately after turning it off, it may not function correctly.
- 4 After finishing the installation, make sure that the icon for the installed printer is displayed in the [Devices and Printers] window.

Reference

- If the printer driver is not correctly installed, the driver must be updated using [Update Driver...]. For details, see page 5-10 of this guide.

Updating the driver after connecting this machine

If this machine is connected without first installing the printer driver, the printer driver will not be correctly identified. In this case, the driver must be updated using [Update Driver...].

- 1 Right-click the Start window, and then click [Devices and Printers] under [All Applications] - [Control Panel] - [Hardware and Sound].

In Windows 8.1/Server 2012 R2, right-click the Start button [], and then click [Control Panel] - [Hardware and Sound] - [Devices and Printers].
- 2 Right-click the device name of the machine that is under [Unspecified] and then click [Properties].
 - If [Unknown Device] appears instead of the device name of this machine, right-click to remove the device, and install the printer driver. Connect this machine as described in "Making the printer driver known to the computer". For details, see page 5-9 or page 5-10 of this guide.
- 3 In the [Hardware] tab, click [Properties].
- 4 In the [General] tab, click [Change Settings].
- 5 In the [Driver] tab, click [Update Driver...].
- 6 In the page in which to select how to search the driver software, click [Browse my computer for driver software anyway].
- 7 Click [Browse...].
- 8 Select a desired printer driver folder in the CD-ROM, and then click [OK].
 - Available printer drivers: PS Plug-in driver, PPD driver, PCL driver
- 9 Click [Next].
- 10 Follow the instructions on the pages that follow.
 - If the [Windows Security] window for verifying the publisher appears, click [Install this driver software anyway].

- 11 Click [Close].
- 12 After finishing the installation, make sure that the icon for the installed printer is displayed in the [Devices and Printers] window.
- 13 Remove the CD-ROM from the CD-ROM drive.
This completes the printer driver updating.

5.3 Selecting and Connecting a Printer for Mac OS X 10.9/10.10

The following 2 printer drivers support Mac OS:

- PS Plug-in driver (Mac OS 10.6/10.7/10.8/10.9/10.10)
- PPD driver (Mac OS 10.6/10.7/10.8/10.9/10.10)

For details about how to install each driver, refer to "6.1.1 Installing the PS Plug-in driver" of [User's Guide - Printer].

Reference

- In OS X 10.9/10.10, the printer can be connected with Bonjour, LPR (LPD), or IPP. As for the systems other than OS X 10.9/10.10, refer to [User's Guide - Printer].

NOTICE

The CD icon may not appear on the desktop when a CD-ROM is inserted.

In this case, the computer is possibly configured not to display it on the desktop; check the setting with "Preferences" of Finder.

After configuring the network setting for this machine, select this machine as the printer to be used in the [Printers & Scanners] window to enable printing.

5.3.1 Configuring the Bonjour Setting

Configuring the Bonjour Setting for this machine

To use Bonjour, enable Bonjour in [Bonjour Setting] for this machine and then enter the Bonjour name.



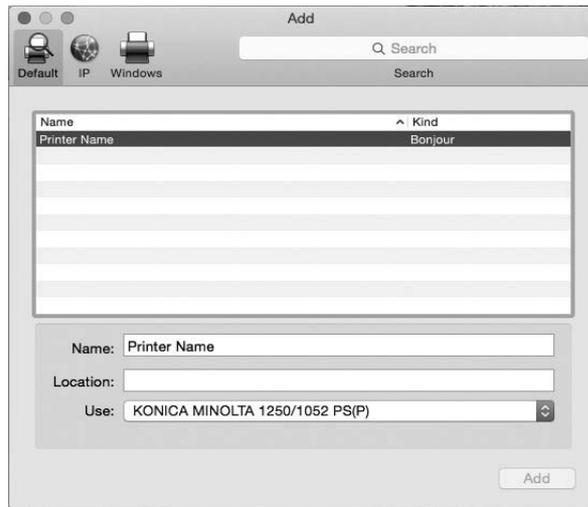
Reference

You can check the [Bonjour Setting] of this machine by pressing [Administrator Setting] - [Network Setting] - [Controller NIC Setting] - [Bonjour Setting] on the Utility Menu Screen.

*The Utility Menu Screen is displayed by pressing **Utility/Counter** on the **control panel**.*

Adding a printer

- 1 In the [Apple Menu], select [System Preferences...].
- 2 Click the [Printers & Scanners] icon.
- 3 Click [+] on the [Printers & Scanners] window, and then click [Add Printer or Scanner].
- 4 Click [Default].
Connected printers are detected.
→ If no printer is detected, turn this machine off, then on again.
In this case, turn off this machine, and then wait approximately 10 seconds before turning it on again. If you turn this machine on immediately after turning it off, it may not function correctly.
- 5 From the [Name] list, select the desired Bonjour-connected model name.
The printer driver corresponding to the selected printer name is automatically selected.
→ You can check the printer name by selecting [Administrator Setting] - [Network Setting] - [Controller NIC Setting] - [Bonjour Setting]. In the default setting, the contents enclosed in parentheses () suffixed in [Bonjour Name] correspond to the low-order three bytes of the MAC address.
→ After the printer driver is selected, go to Step 7.
→ If an incorrect printer driver is selected, go to Step 6.



- 6 Select the desired printer driver manually.
- Select [Select Software...] from [Use:], and then select the printer driver of the desired model name from the list that is displayed in another window.
 - Select the printer driver that has the following name.
 - For **bizhub PRESS 1250/1250P/1052**
 PS Plug-in driver: KONICA MINOLTA 1250/1052PS
 PPD driver: KONICA MINOLTA 1250/1052 PS(P)
 - For **bizhub PRO 951**
 PS Plug-in driver: KONICA MINOLTA 951PS
 PPD driver: KONICA MINOLTA 951 PS(P)
- 7 Click [Add].
- When the selected printer is registered in the [Printers & Scanners], the setting procedure is completed.

5.3.2 Configuring the LPR Settings

Configuring the TCP/IP Setting for this machine

Specify the IP address for this machine.

Configuring the LPD Setting for this machine

To use LPR printing, enable LPR printing in [LPD Setting] for this machine.



Reference

You can check the IP address of this machine by pressing [Administrator Setting] - [Network Setting] - [Controller NIC Setting] - [TCP/IP Setting] on the Utility Menu Screen.

You can check the [LPD Setting] of this machine by pressing [Administrator Setting] - [Network Setting] - [Controller NIC Setting] - [Detail Setting] and navigating to the last page on the Utility Menu Screen. To use the LPD printing, set [LPD Setting] to [Enable].

The Utility Menu Screen is displayed by pressing **Utility/Counter** on the **control panel**.

Configuring TCP/IP Setting for the computer

Configure the TCP/IP settings for the Macintosh computer connected to the printer.

- 1 In the [Apple Menu], select [System Preferences...].
- 2 Click the [Network] icon.
- 3 Display the Ethernet setting window.
 - Select [Ethernet], and then click [Advanced...].

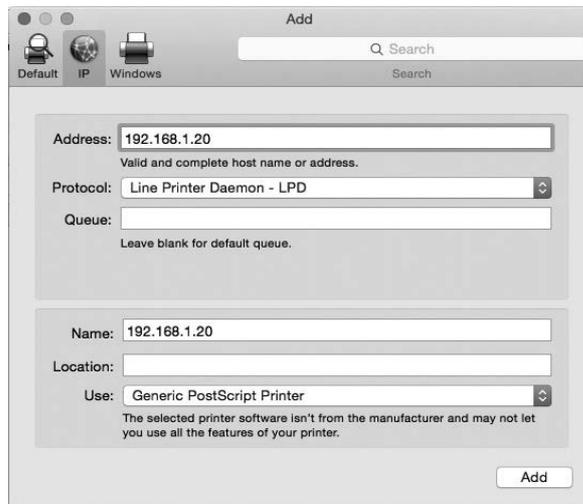
- 4 Click the [TCP/IP] tab.
- 5 Configure the settings including the IP address and subnet mask according to the settings of the network to which the Macintosh computer is connected.
- 6 Click the close button at the top left corner of the window.
 - When the [Would you like to apply your changes before closing the Network preferences pane?] message appears, click [Apply].

Adding a printer

- 1 In the [Apple Menu], select [System Preferences...].
- 2 Click the [Printers & Scanners] icon.
- 3 Click [+] on the [Printers & Scanners] window, and then click [Add Printer or Scanner].
- 4 Click [IP].
- 5 In [Protocol:], select [Line Printer Daemon - LPD].
- 6 In [Address:], enter the IP address for this machine.

The printer driver corresponding to this machine being identified with its IP address is automatically selected.

- After the printer driver is selected, go to Step 8.
- If an incorrect printer driver is selected, go to Step 7.



- 7 Select the desired printer driver manually.
 - Select [Select Software...] from [Use:], select the printer driver of the desired model name from the list that is displayed in another window, and then click [OK].
 - Select the printer driver that has the following name.
 - For **bizhub PRESS 1250/1250P/1052**
 PS Plug-in driver: KONICA MINOLTA 1250/1052PS
 PPD driver: KONICA MINOLTA 1250/1052 PS(P)
 - For **bizhub PRO 951**
 PS Plug-in driver: KONICA MINOLTA 951PS
 PPD driver: KONICA MINOLTA 951 PS(P)
 - 8 Click [Add].
- When the selected printer is registered in the [Printers & Scanners], the setting procedure is completed.

5.3.3 Configuring the IPP Settings

Configuring the TCP/IP Setting for this machine

Specify the IP address for this machine.

Configuring HTTP Server Setting for this machine

In [HTTP Server Setting] for the machine, enable IPP printing.



Reference

You can check the IP address of this machine by pressing [Administrator Setting] - [Network Setting] - [Controller NIC Setting] - [TCP/IP Setting] on the Utility Menu Screen.

You can check the [HTTP Server Setting] of this machine by pressing [Administrator Setting] - [Network Setting] - [Controller NIC Setting] - [HTTP Server Setting] on the Utility Menu Screen. To use the IPP printing, set [IPP Setting] to [Enable].

*The Utility Menu Screen is displayed by pressing **Utility/Counter** on the **control panel**.*

Configuring TCP/IP Setting for the computer

Configure the TCP/IP settings for the Macintosh computer connected to the printer.

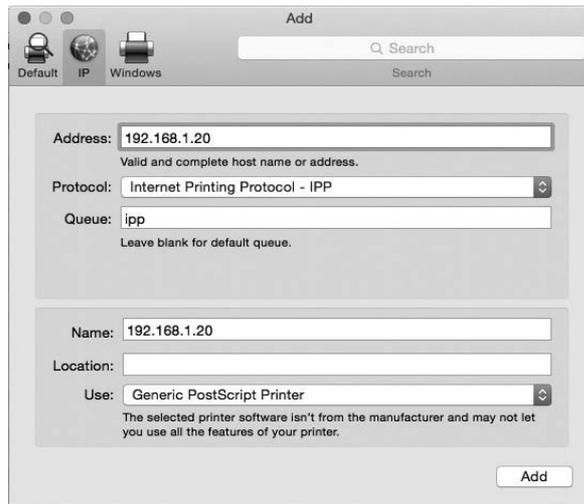
- 1 In the [Apple Menu], select [System Preferences...].
- 2 Click the [Network] icon.
- 3 Display the Ethernet setting window.
 - Select [Ethernet], and then click [Advanced...].
- 4 Click the [TCP/IP] tab.
- 5 Configure the settings including the IP address and subnet mask according to the settings of the network to which the Macintosh computer is connected.
- 6 Click the close button at the top left corner of the window.
 - When the [Would you like to apply your changes before closing the Network preferences pane?] message appears, click [Apply].

Adding a printer

- 1 In the [Apple Menu], select [System Preferences...].
- 2 Click the [Printers & Scanners] icon.
- 3 Click [+] on the [Printers & Scanners] window, and then click [Add Printer or Scanner].
- 4 Click [IP].
- 5 In [Protocol:], select [Internet Printing Protocol - IPP].
- 6 In [Address:], enter the IP address for this machine, while in [Queue:], enter "ipp".

The printer driver corresponding to this machine being identified with its IP address is automatically selected.

 - After the printer driver is selected, go to Step 8.
 - If an incorrect printer driver is selected, go to Step 7.



- 7 Select the desired printer driver manually.
 - Select [Select Software...] from [Use:], select the printer driver of the desired model name from the list that is displayed in another window, and then click [OK].
 - Select the printer driver that has the following name.
 - For **bizhub PRESS 1250/1250P/1052**
 - PS Plug-in driver: KONICA MINOLTA 1250/1052PS
 - PPD driver: KONICA MINOLTA 1250/1052 PS(P)
 - For **bizhub PRO 951**
 - PS Plug-in driver: KONICA MINOLTA 951PS
 - PPD driver: KONICA MINOLTA 951 PS(P)
- 8 Click [Add].

When the selected printer is registered in the [Printers & Scanners], the setting procedure is completed.

5.4 Uninstalling the Printer Driver

This chapter describes the procedure for uninstalling the printer driver.

5.4.1 Windows

When you have to remove the printer driver, for example, when reinstallation of the printer driver is necessary, remove the Windows driver using the following procedure.



Reference

For uninstalling by the installer, or uninstalling by manual operation in operating systems other than Windows 8/8.1/Server 2012/Server 2012 R2, refer to [User's Guide - Printer].

Uninstalling by manual operation

- 1 Right-click the Start window, and then click [Devices and Printers] under [All Applications] - [Control Panel] - [Hardware and Sound].
In Windows 8.1/Server 2012 R2, right-click the Start button [, and then click [Control Panel] - [Hardware and Sound] - [Devices and Printers].
- 2 Select the icon for the printer to be uninstalled.
- 3 Click [Remove device] on the toolbar.
- 4 Once the printer driver is deleted, the icon disappears from the [Devices and Printers] window.
- 5 Open [Server Properties].
 - Select another printer, and click [Print Server Properties] on the toolbar.
 - If the [User Account Control] window is displayed, click [Continue] or [Yes].
- 6 Click the [Driver] tab.
- 7 From the [Installed printer drivers:] list, select the printer driver to be removed, and then click [Remove...].
- 8 Select [Remove driver and driver package.] or [Remove driver and driver package.] in the dialog box for confirming deletion target, and then click [OK].
- 9 In the dialog box for confirming if you are sure to remove the printer, click [Yes].
 - When the dialog box is displayed to reconfirm if you are sure, click [Delete].
- 10 Close the open windows, and then restart the computer.
 - Be sure to restart the computer.This completes removing the printer driver.

5.4.2 Macintosh

When the printer driver has fault or is to be updated, the printer driver should be removed. Delete the printer driver according to the following procedure.



Reference

For uninstalling in operating systems other than Mac OS X 10.9/10.10, refer to [User's Guide - Printer].

Uninstalling by manual operation (PS Plug-in driver)

- 1 Open the [Printers & Scanners] window.
- 2 Select the printer name to be deleted, and then click [-] (or [Delete]).
The selected printer is deleted.

- 3 Close the [Printers & Scanners] window.
- 4 Drag the following file, which is located in [Library] - [Printers] - [PPDs] - [Contents] - [Resources] for the installed [Macintosh HD], to the [Trash] icon.
 - [KOI1250J.ppd]
 - [KOI1250_.ppd] (In the case of **bizhub PRO 951**, the filename contains '951' instead of '1250'.)

Reference

You can easily find the files by entering [KOI] in the text box for search and selecting "Resources" as search place.
- 5 Delete unnecessary files from [Library] - [Printers].

Drag the following files, which are located in [Library] - [Printers] - [KONICA_MINOLTA], to the [Trash] icon.

 - pstobizhub_PRESS_1250
 - bizhub_PRESS_1250.plugin
 - bizhub_PRESS_1250.icns (In the case of **bizhub PRO 951**, the filename contains '951' instead of '1250'.)
- 6 Click [Move] on the Finder menu. While pressing the [option] key, click [Library], and then drag the following file located in [Preferences] to the [Trash] icon.
 - bizhub PRESS 1250 Printer Driver x86_64 Preferences (In the case of **bizhub PRO 951**, the filename contains '951' instead of '1250'.)

NOTICE

Depending on the driver setting, the above file may not be displayed.
- 7 Restart the computer.

This completes removing the printer driver.

Uninstalling by manual operation (PPD driver)

- 1 Open the [Printers & Scanners] window.
- 2 Select the printer name to be deleted, and then click [-] (or [Delete]).

The selected printer is deleted.
- 3 Close the [Printers & Scanners] window.
- 4 Drag the following file, which is located in [Library] - [Printers] - [PPDs] - [Contents] - [Resources] for the installed [Macintosh HD], to the [Trash] icon.
 - "KONICAMINOLTA1250.gz" (In the case of **bizhub PRO 951**, the filename contains '951' instead of '1250'.)

Reference

You can easily find the file by entering [KONICAMINOLTA] in the text box for search.
- 5 Drag the [1250] folder (the [951] folder for **bizhub PRO 951**), which is located in [Library] - [Printers] - [KONICAMINOLTA], to the [Trash] icon.
- 6 Restart the computer.

This completes removing the printer driver.

5.5 Additional Information for Default Settings of Printer Drivers

The additional information is that "2-sided printing" is the default for each driver of PCL driver, PS Plug-in driver, and PPD driver. This information needs to be added to the following sections in "User's Guide - Printer" of this machine:

- Function name [Print Type] in "10.3.3 [Layout] tab": [2-Sided]
- Function name [2-Sided] in "11.3.2 [Layout] tab": [On]
- Function name [2-Sided] in "12.3.3 [Advanced Options] window": [On]
- Function name [2-Sided] in "13.4.3 [Finishing]": [On]

MEMO



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6 Trademarks and Copyrights

6.1 Trademarks and Copyrights

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Mersenne Twister

The `_random` module includes code based on a download from <http://www.math.keio.ac.jp/matsumoto/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26. Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)` or `init_by_array(init_key, key_length)`.

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Any feedback is very welcome.

<http://www.math.keio.ac.jp/matamoto/emt.html>

email: matamoto@math.keio.ac.jp

Sockets

The socket module uses the functions, `getaddrinfo()`, and `getnameinfo()`, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>.

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.

- Arguments more compliant with python standard

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strtod and dtoa

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zlib

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7 Others

7 Others

7.1 Other Additional Information and Corrections

7.1.1 Additional Information for Output Setting

Output Setting newly provides the functionality to output paper by rotating the printed surface by 180 degrees.

This functionality can be specified on the Output Setting Screen which is displayed by pressing [Output Setting] on the Copy Screen or Ticket Edit Screen. (The Copy Screen is not provided for **bizhub PRESS 1250P**.)

Purpose

To output paper by rotating the printed surface by 180 degrees eliminates the need for rotating it manually.

To specify "180 Deg. Rotation" from the Copy Screen

Procedure

- 1 Display the Copy Screen.
- 2 Press [Output Setting].



The Output Setting Screen is displayed.

- 3 Select either [ON] or [OFF] for "180 Deg. Rotation."

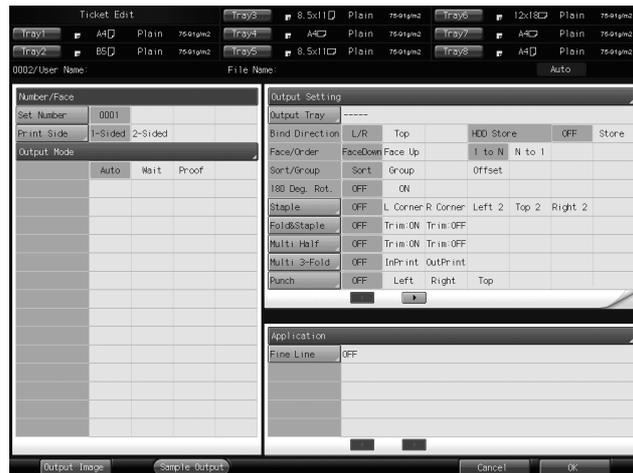


To specify "180 Deg. Rotation" from the Ticket Edit Screen

For details about basic functions and operating procedures of Ticket Edit, refer to "9.2.8 Operating Ticket Edit for Suspended Job" in [User's Guide - Copier] of this machine (or "9.2.8 Operating Ticket Edit for Suspended Job" in [User's Guide - Machine Information & Copier] for **bizhub PRESS 1250P** (Metric area), "5.2.8 Operating Ticket Edit for Suspended Job" in [User's Guide - Main Body] for **bizhub PRESS 1250P** (Inch area)).

Procedure

- 1 Display the Ticket Edit Screen.
- 2 Press [Output Setting].



The Output Setting Screen to be accessed from the Ticket Edit Screen is displayed.

- 3 Select either [ON] or [OFF] for "180 Deg. Rotation."



7.1.2 Additional Information for Controller Setting

The following contents have been added to [08 Administrator Setting] - [01 Software Switch Setting].

Refer also to "6.2.2 [08 Administrator Setting] - [01 Software Switch Setting]" in [User's Guide - POD Administrator's Reference] of this machine (or "11.2.2 [08 Administrator Setting] - [01 Software Switch Setting]" in [User's Guide - Main Body] for **bizhub PRESS 1250P** (Inch area)).

Specify settings by selecting OFF(0)/ON(1) for each switch. See the following table for selecting OFF(0)/ON(1) for a desired switch. All the default settings are OFF(0).

Switch No.	Description	Setting
46	Since printing misalignment occurs when the minimum value of the PDF trimmed size (Crop-Box) is not 0, set the trimmed size area to be located in the center of the page.	Setting value: 0: Do not locate in the center of the page 1: Locate in the center of the page
48	When using PageScope Direct Print, a PDF job of a paper size larger than the maximum size specified for this machine should be output without causing a PS error.	Setting value: 0: Cannot be output due to a PS error 1: Can be output without causing a PS error To output with this setting, the following conditions should be satisfied: <ul style="list-style-type: none"> • Set Switches No. 32 and No. 42 to "1." • Available paper size is 62.99" × 82.68" (1600 × 2100 mm) at maximum. • Only the maximum printing area is printable. Important: When a change is made for the software switch settings, turn the sub power off and back on again for the change to take effect.
49	When standard and custom sizes are mixed in originals and left binding is selected in duplex printing, the top binding layout is inevitably selected for custom size originals to meet specifications; therefore, use this setting to apply the left binding layout also to the custom size originals.	Setting value: 0: Top binding layout 1: Left binding layout [Restrictions] Available only for PostScript files.
53	Although the machine performs transmission processing for each status (more than once) when "@PJL INFO STATUS" command is received and transmitted, statuses should be merged to perform a single transmission processing.	Setting value: 0: Perform transmission processing for each status 1: Merge statuses to perform a single transmission processing
54	Change the order of notice JobStart/End by "@PJL USTATUS JOB=ON" command from JobStart1 -> JobStart2 -> ... JobEnd1 -> JobEnd2... to JobStart1 -> JobEnd1 -> JobStart2 -> JobEnd2..., so that the timing of notice JobStart should be after the first sheet is output.	Setting value: 0: The JobStart notice is given after all jobs are received 1: The JobStart notice is given after the first sheet is output
55	If "@PJL EOJ NAME" is included in a file, job separation occurs to possibly result in returning unexpected number of pages. To solve this problem, add a process to distinguish the job names of "@PJL JOB NAME" and "@PJL EOJ NAME" so that it should be treated as a single job only when the job names are identical.	Setting value: 0: Do not distinguish the job names of "@PJL JOB NAME" and "@PJL EOJ NAME" 1: Distinguish the job names of "@PJL JOB NAME" and "@PJL EOJ NAME" Important: The Software Switch No. 7 should be "0" to distinguish the job names.

Switch No.	Description	Setting
56	Since PS and PCL are the only PDLs that can output banner pages, all PDLs supported by the controller should be available for this function.	Setting value: 0: PS and PCL only 1: All PDLs supported by the controller (PDF, TIFF, PS, PCL, ASCII (Text), PPML) [Restrictions] • A specific condition is required to output banner pages in PageScope Direct Print. For details, contact your service representative.
57	When outputting banner pages, the set count should be printed.	Setting value: 0: Not print the set count 1: Print the set count [Restrictions] • A specific condition is required to output banner pages in PageScope Direct Print. For details, contact your service representative.
58	When outputting banner pages with "Face Up (N to 1)" specified, the banner page should be output as the top page (on top of page 1).	Setting value: 0: Output the banner page before a job 1: Output the banner page after a job [Restrictions] • A specific condition is required to output banner pages in PageScope Direct Print. For details, contact your service representative.
74	The machine should support the [LPQ-P] command used on Linux.	Setting value: 0: The machine does not reply anything even if you enter the [LPQ-P] command. 1: If you enter the [LPQ-P] command, the machine replies [Ready] or [Not Ready] depending on the machine status. Important: • [Ready]: Can execute jobs • [Not Ready]: Cannot be recovered automatically (in the case of errors)
76	Set the machine to support MIB for the number of printed set count (kmJmJobOutputDocCopy-Numbers).	Setting value: 0: Not support MIB 1: Support MIB
77	When outputting data larger than the paper size in PageScope Direct Print, no magnification and the centering layout should be applied.	Setting value: 0: Setting disabled 1: Setting enabled [Restrictions] • Set the switch number 32 to "1." • Available only for TIFF and PDF. • The switch number 77 has priority even with the switch number 29 set to "1."
78	When outputting a PCL job, "Auto" should be set for the tray even though the machine, according to specifications, selects the one used in the previous job unless otherwise specified.	Setting value: 0: Setting disabled 1: Setting enabled
79	The following two conflicting functions can be set simultaneously for a PCL job. • Specify Text Margin • Horizontal Motion Index By default, "Specify Text Margin" has priority in the PCL-compliant specifications, but "Horizontal Motion Index," the HP-compatible specification, should be set to be given priority.	Setting value: Set this switch to "1" to change to the HP-compatible specifications. 0: Prioritizes "Specify Text Margin". (PCL-compliant specifications) 1: Prioritizes "Horizontal Motion Index". (HP-compatible specifications)
81	You can specify the compression format for scanning a PDF file.	Setting value: 0: MMR 1: ZIP

7.1.3 Additional Information for Utility Menu Screen

[18 IWS Setting] has been added to the communication setting menu which can be accessed via [06 Administrator Setting] - [04 Network Setting] - [02 Controller NIC Setting] on the Utility Menu Screen.

Refer also to "7.10.4 [02 Controller NIC Setting]" and "7.10.5 List of Controller NIC Setting" in [User's Guide - POD Administrator's Reference] of this machine (or "12.8.4 [02 Controller NIC Setting]" and "12.8.5 List of Controller NIC Setting" in [User's Guide - Main Body] for **bizhub PRESS 1250P** (Inch area)).



Selecting [ON] for the IWS (Internal Web Server) Setting enables you to have a print data conversion application transferred to this machine and to utilize the print data conversion function. Contact your service representative, if desired.

7.1.4 Additional Information for Other Options

Authentication Unit AU-201S has been added as an option provided for this machine.

User's Guides are to be modified in the following sections:

bizhub PRESS 1250/1052: "13.2.19 Other Options" in [User's Guide - Copier]

bizhub PRESS 1250P (Metric area): "13.2.26 Other Options" in [User's Guide - Machine Information & Copier]

bizhub PRESS 1250P (Inch area): "15.2.19 Other Options" in [User's Guide - Main Body]

bizhub PRO 951: "13.2.12 Other Options" in [User's Guide - Copier]

7.1.5 Terms Used in the Manuals

The terms used in the manuals of this machine should be corrected as follows:

PS PPD driver -> PPD driver

PostScript PPD driver -> PPD driver

Windows XP -> Deleted (no longer the supported OS for this machine)

Windows Server 2003 -> Deleted (no longer the supported OS for this machine)

Mac OS X 10.3-10.5 -> Deleted (no longer the supported OS for this machine)

The note (*6) of Controller NIC Setting described in [User's Guide - POD Administrator's Reference] should also be corrected as follows.

Incorrect

Unavailable only for the range from fe80: 0: 0: 0: : to fe80: 0: 0: 0: ffff: ffff: ffff: ffff.

Correct

Available only for the range from fe80: 0: 0: 0: : to fe80: 0: 0: 0: ffff: ffff: ffff: ffff.

7.1.6 Software (Firmware) Version Information

The control software versions have been updated.

Image control program (Image Control I1) version:

A4EU0Y0-00I1-G00-50

Controller control program (IC Controller P) version:

A4EU011-00P1-G00-50 (**bizhub PRESS 1250/1250P/1052**)

A4EW011-00P1-G00-50 (**bizhub PRO 951**)

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