



KONICA MINOLTA

bizhub PRO

1100

Additional Information

Product specifications have been modified for bizhub PRO 1100.

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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Blank Page Removal

1 Blank Page Removal

1.1 Original Setting: COPY

<Additional information 1>

User's guide / Addition position	Description
<HTML User's Guide> [Copy] ► [Basic Settings] ► [Setting Originals]	Addition of function * For details, refer to the following.

If blank pages are included in the original loaded on the **ADF**, they are removed from the scan target.

Select this option when scanning the original including blank pages.

The original pages detected as blank pages are not counted as the number of original pages.

- 1 Position the original.
- 2 Press the [COPY] tab to display the [COPY] screen.
- 3 Press [Original Setting].
The [Original Setting] screen is displayed.
- 4 Select [BlankPage Removal] under [Blank Page Removal].



- 5 Press [OK].
The screen returns to the [COPY] screen.
→ To restore the default setting, press [Default Set] and to restore the previous setting, press [Cancel].

**Reference**

If blank pages are not correctly detected while the original is scanned with [BlankPage Removal] enabled, adjust the level to detect blank pages.

For details, refer to "1.3 Copy Setting: Setting the Various Operations When Copying" in this guide.

Tips

[Blank Page Removal] is not available when [Same Width], [Different Width], or [Z-Folded] is selected.

1.2 Original Setting: SCAN

<Errata 1>

User's guide / Correction position	Description
<HTML User's Guide> [Scan] ► [Scanning Functions of Image Controller] ► [Overview of Scanner] ► [Scanning Function Screens] ► [Scan Settings Screen] ► [Original Setting]	Correction of operation with the operation button (Blank Page Removal) added * For details, refer to the following.

You can set separate scan, bind direction of two-sided original (whether the top and bottom of both sides are the same, or one side is flipped vertically), original orientation, and original type.

[Separate Scan]

The scan operation is divided into several sessions and turns into a single job. Select [Separate Scan] before making the first scan. When the last scan is completed, cancel [Separate Scan].



[Bind Direction]

[Right&Left], [Top]

[Direction]

[Normal], [Left], [Upside-Down], [Right]

[Type]

[Text/Photo(Print)], [Text/Photo(Photo)], [Photo(Print)], [Photo(Photo)], [Text], [Dot Matrix]

[Special]

[Normal], [Same Width], [Different Width], [Z-Folded]

[Thickness]

[Normal], [Thin]

[BlankPage Removal]

Excludes blank pages from the scanning target when they are included in the original loaded on the **ADF**.

Select this option when scanning the original including blank pages.

Blank pages detected in the original are not counted as the number of original pages.

**[OK]**

Applies the setting.

[Cancel]

Cancels the setting.

[Default Set]

Returns the setting to the default.

**Reference**

For details, refer to **[COPY]** ► **[Basic Setting]** ► **[Setting Originals]**.

If blank pages are not correctly detected while the original is scanned with **[BlankPage Removal]** enabled, adjust the level to detect blank pages.

For details, refer to "1.3 Copy Setting: Setting the Various Operations When Copying" in this guide.

Reference

- **[BlankPage Removal]** is not available when **[Same Width]**, **[Different Width]**, or **[Z-Folded]** is selected.

1.3 Copy Setting: Setting the Various Operations When Copying

<Additional information 2>

User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [Copy Setting: Setting the Various Operations When Copying] At the end of table	Addition of function * For details, refer to the following.
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [User Setting] ► [Copy Setting: Setting the Various Operations When Copying] At the end of table	
[BlankSheetDetectionLevelAdj.]	Adjust the level to detect blank pages when [BlankPage Removal] is enabled. <div>-2, -1, 0, +1, +2</div>



Setting Zoom

2 Setting Zoom

<Additional information 3>

User's guide / Addition position	Description
<HTML User's Guide> [Copy]►[Basic Settings]►[Setting Zoom]	Addition of function * For details, refer to the following.

2.1 Specifying the Horizontal Zoom and Vertical Zoom for Copy

Specify the desired ratio for the horizontal zoom and vertical zoom, and make copies of which the aspect ratio is different.

- For [Vertical Zoom] and [Horizontal Zoom], individually specify the zoom ratio from 0.250 to 4.000 in 0.001 (0.1%) increments.

To use this function, a setting service by a customer engineer is required. For details, contact your service representative.

1 Press the [COPY] tab to display the [COPY] screen.

2 Press [Zoom].

The [Zoom] screen is displayed.

3 Specify the desired zoom ratio.

Select [Vertical Zoom] or [Horizontal Zoom], and press the keypad on the screen or the [▼] or [▲] key to enter the zoom ratio.



→ If wrong number is entered, continue by entering the correct number from the beginning.

→ Holding down the [▼] or [▲] key changes the ratio in 0.001 (0.1%) steps at first, and then in 0.010 (1%) steps.

- 4 Press [OK].
- This returns to the [COPY] screen.



The ratio values of the vertical zoom and horizontal zoom are displayed under [Zoom].



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Copy Job Output

3 Copy Job Output

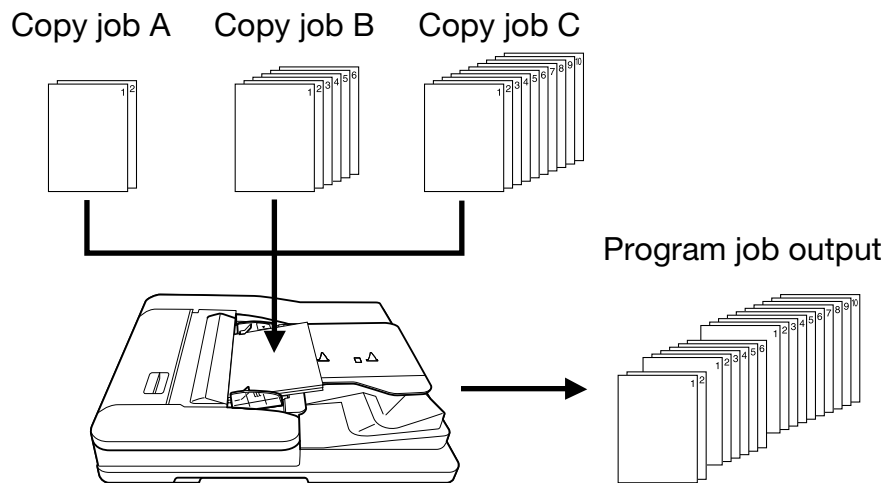
3.1 Application

<Additional information 4>

User's guide / Addition position	Description
<HTML User's Guide> [Copy] ► [Application Setting]	Addition of function * For details, refer to the following.

3.1.1 Program Job: Collectively Outputting Multiple Copy Jobs

This function combines multiple copy jobs loaded with different settings, and outputs them as a single job.



When configuring the program job setting, be sure to note the following points.

- Separate Scan mode is automatically selected.
- The paper tray can be specified for each job; therefore, the paper size can be changed for each job.
- The staple setting in output mode can be configured for all jobs or for each loaded job.
- The punch setting in output mode is applied to all jobs with the same contents.
The punch setting in output mode cannot be configured for each job. However, you can specify the punched or unpunched mode to output jobs by setting [Pre-Punched] in [Paper Setting] for the tray in which the punched sheets are loaded, and then specifying the paper tray for each job.
- When changing the output mode or the number of copies after loading has been completed, press **Mode Check** on the **control panel** to display the [Program Job Edit] screen.
- There is no limit to the number of jobs that can be loaded. However, up to 10,000 pages can be loaded.
- A program job cannot be registered in the [Copy Mode Memory].

- 1 Press [Application] on the [COPY] screen.



The [Application] screen is displayed.

- 2 Press [Program Job].



The incompatible function keys will be dimmed to show inactivity.

- 3 Press [OK] to return to the [COPY] screen.



The [Program Job] icon and shortcut key are displayed under [Application] on the [COPY] screen. And, [Separate Scan] is automatically selected.



- 4 Position the original.
- 5 Press **Start** on the **control panel**.

The original is loaded. When loading is completed, the [Program Job Edit] screen is displayed.

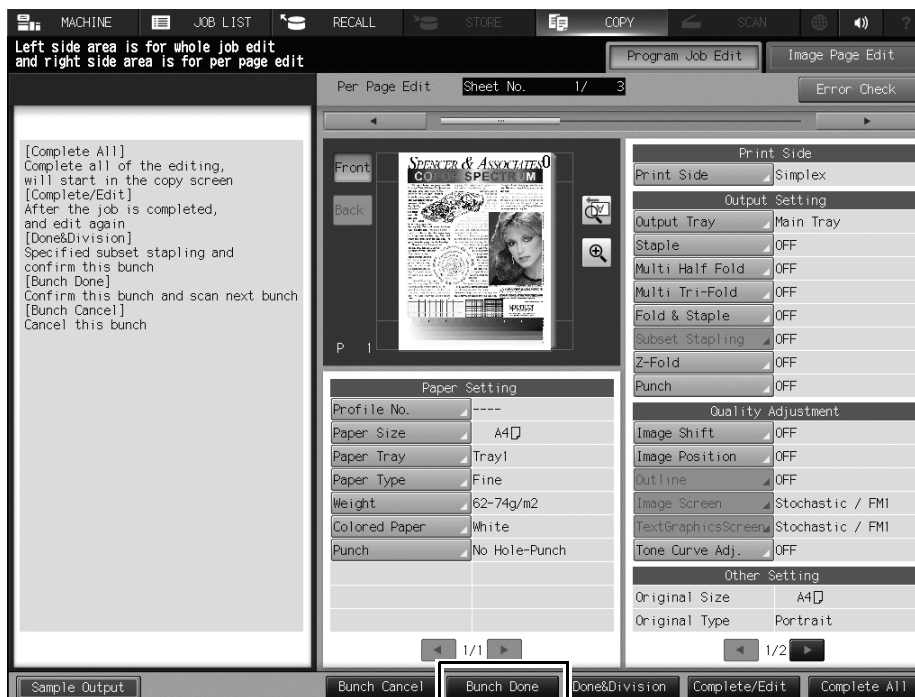
6 Specify copy conditions as needed.



[Paper Setting], [Print Side], [Output Setting], and [Quality Adjustment] can be specified as copy conditions. For the setting procedure, refer to [Saving and Editing Jobs] ► [Hold Job and Save on HDD] ► [Hold Job Screen] ► [Job Ticket Edit Screen] in the HTML User's Guide.

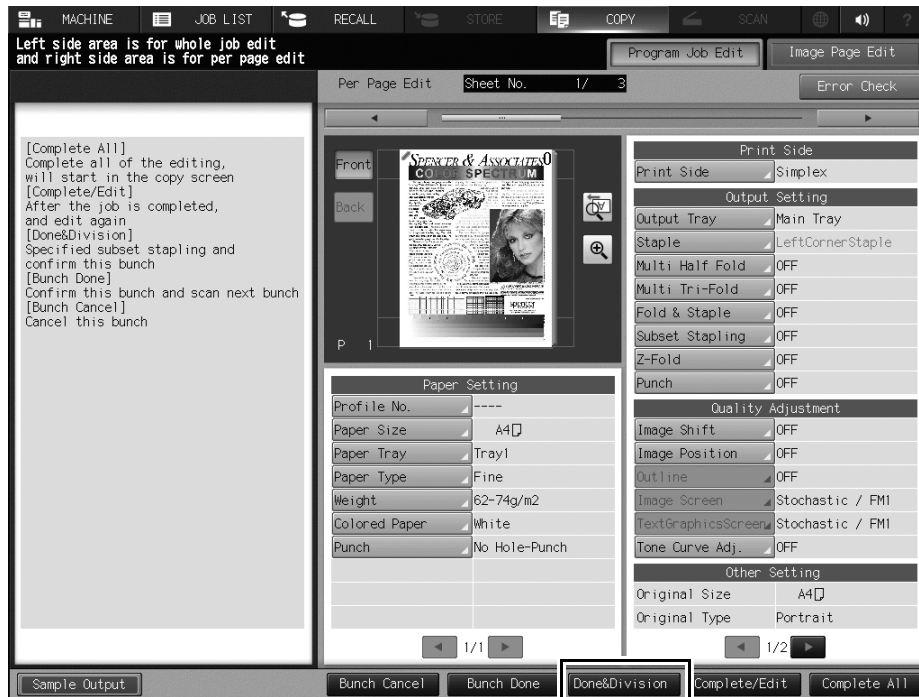
7 Press either [Bunch Done] or [Done&Division].

[Bunch Done]: Press this button to combine the loaded jobs and define them as a single job.



[Done&Division]: Press this button to set stapling for each job.

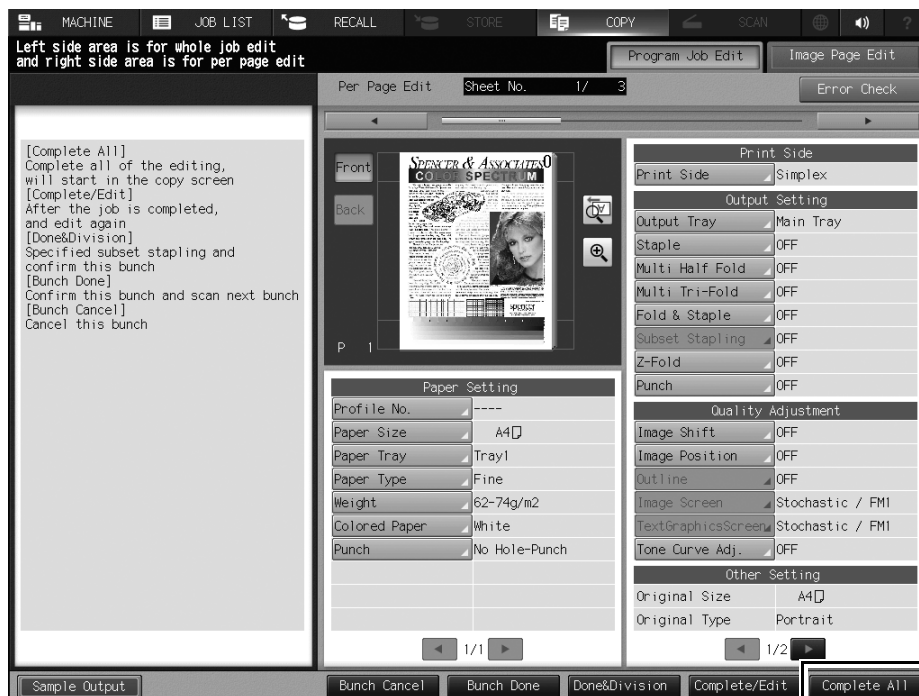
Multiple jobs are combined by subset stapling, and defined as a single job.



[Bunch Cancel]: Press this button to cancel all the loaded jobs and return to the [COPY] screen.

8 Repeat steps 4 to 7 to load all the originals.

→ When the last original is loaded, press [Complete All]. Output processing starts.



→ To change copy conditions after combining all jobs, press [Complete/Edit] to display the [Program Job Edit] screen as shown below. After the change has been completed, press [Complete All].



After the last original has been loaded, if you press [Bunch Done] or [Done&Division] without pressing [Complete All] or you press [Bunch Done] on the [Program Job Edit] screen that is displayed by pressing [Complete/Edit], press **Mode Check** on the **control panel** to return to the [Program Job Edit] screen. Press [Complete All] to output job data.



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Paper Setting

4 Paper Setting

4.1 Paper Setting: Setting Paper for Tray

<Errata 2>

User's guide / Correction position	Description
<HTML User's Guide> [Copy] ► [Basic Settings] ► [Paper Setting] ► [Paper Setting: Setting Paper for Tray] Steps 5 and 6	Operation with the operation button changed and added. * For details, refer to the following.

- 5 Press the tray key to change the Paper Setting.



- Tray keys are provided in the left side area of the [Paper Setting] screen. Pressing a tray key shows the conditions specified for that tray in the right side.
- If the paper condition profile number to be recalled is known, press [No. Recall]. You can enter the profile number and easily recall the profile for setting.

6 Press [Recall], [Change Set], or [New Setting].



Pressing [Recall] displays the [Recall] screen, on which registered paper specifications can be selected. Proceed to step 7.

Pressing [Change Set] or [New Setting] displays the [Change IndividualSet] screen to change the specifications individually. Proceed to step 11.

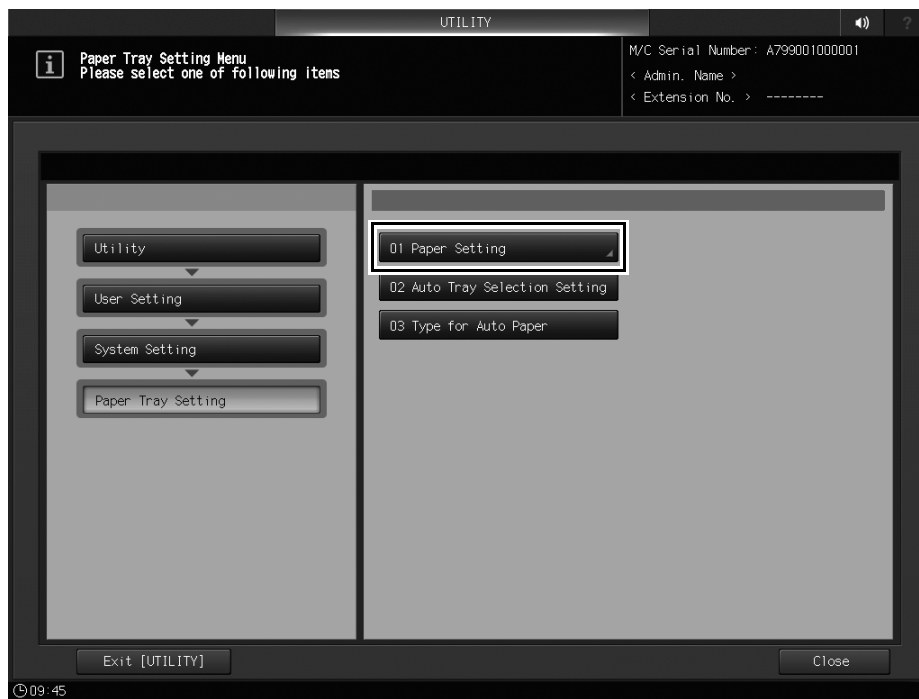
- Pressing [Change Set] displays the current setting.
- Pressing [New Setting] displays the defaults on the machine.

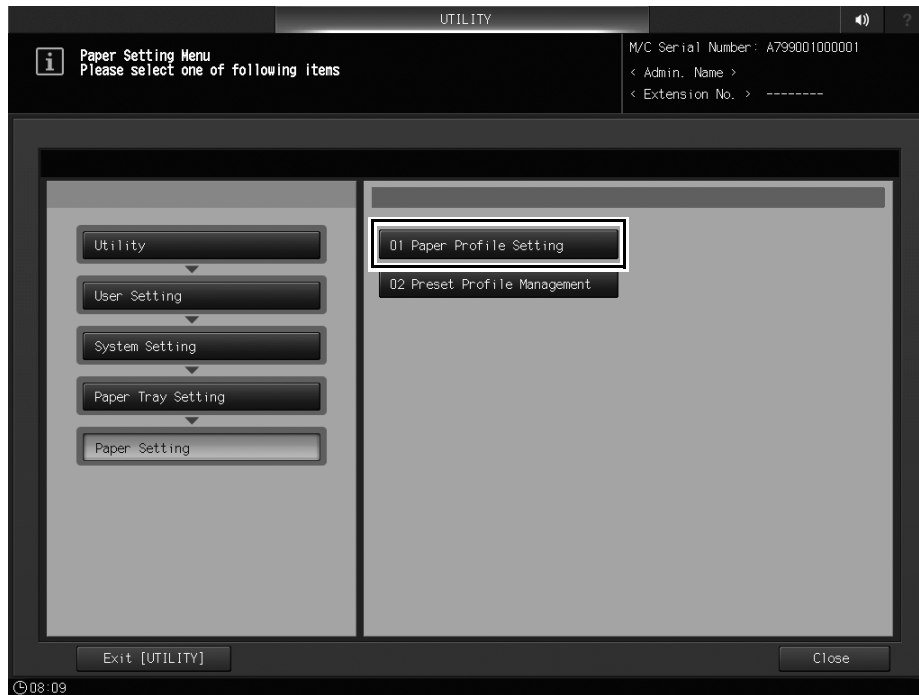
4.2 Paper Setting: Registering the Paper Conditions

<Errata 3>

User's guide / Correction position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [User Setting] ► [System Setting] ► [Paper Tray Setting] ► [Paper Setting: Registering the Paper Conditions] ► [Adding/Editing the Paper Conditions Registration] [Deleting the Paper Conditions] [Importing Paper Setting Data] [Exporting Paper Setting Data] Step 2 in items above	Operation correction by addition of an operation screen * For details, refer to the following.

- 2 On the [User Setting Menu] screen, press [System Setting] ► [Paper Tray Setting] ► [Paper Setting].



3 Press [Paper Profile Setting].

The [Register/Delete Paper Setting] screen is displayed.

→ After this, read the user's guide while shifting steps one by one.

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Paper Tray Setting

5 Paper Tray Setting

5.1 Paper Tray Setting

<Additional information 5>

User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [User Setting] ► [System Setting] ► [Paper Tray Setting])	Addition of operation * For details, refer to the following.

5.1.1 Preset Profile Management: Managing Profiles

The frequently used paper profiles are pre-registered as preset profiles in the list of the [Preset Profile] tab screen and in the list of the [Paper Profile] tab screen.

On the [Preset Profile] tab screen, you can add a newly registered profile to the [Paper Profile] tab screen. You can also delete or search for a registered profile on each screen.

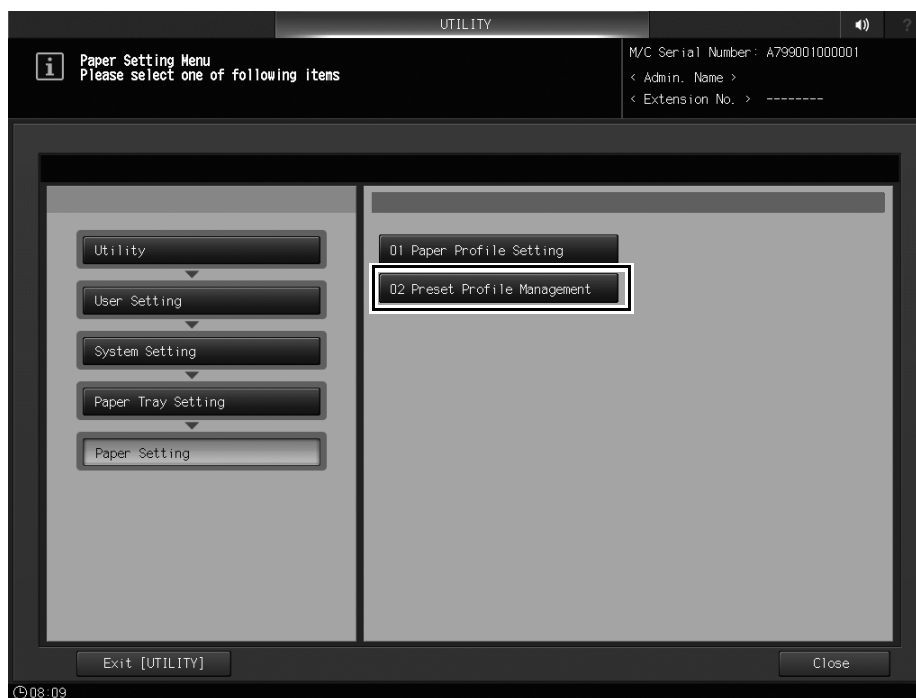
To add a new preset profile to this machine, a service setting is required. For details, contact your service representative.

Adding the Preset Profile to the Paper Profile

- 1 Press **Utility/Counter** on the **control panel** to display [UTILITY], then press [User Setting] to display the [User Setting Menu] screen.
- 2 On the [User Setting Menu] screen, press [System Setting] ► [Paper Tray Setting] ► [Paper Setting].

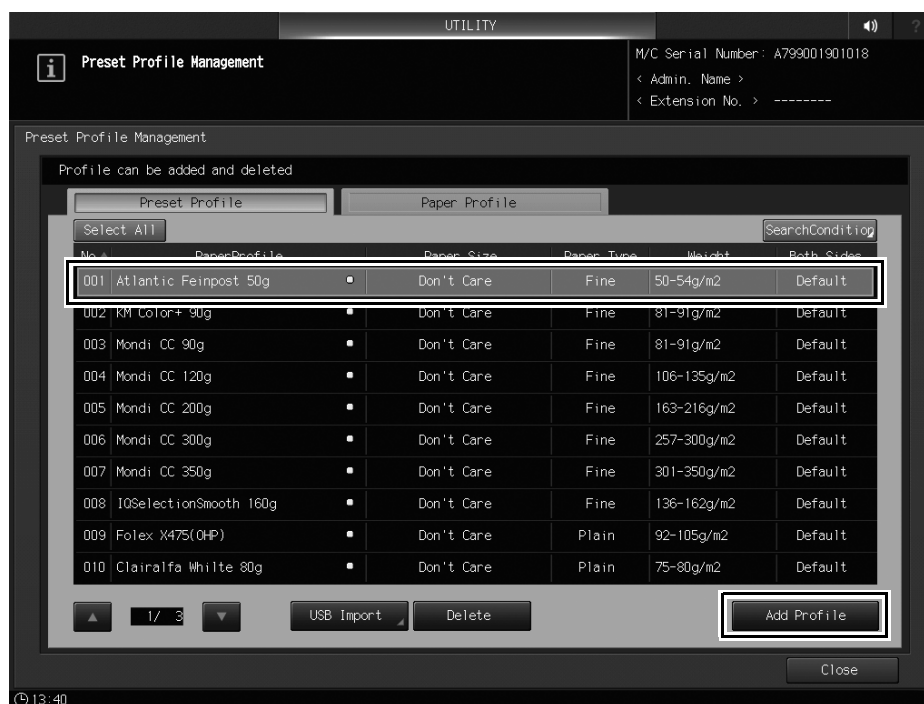


- 3 Press [Preset Profile Management].



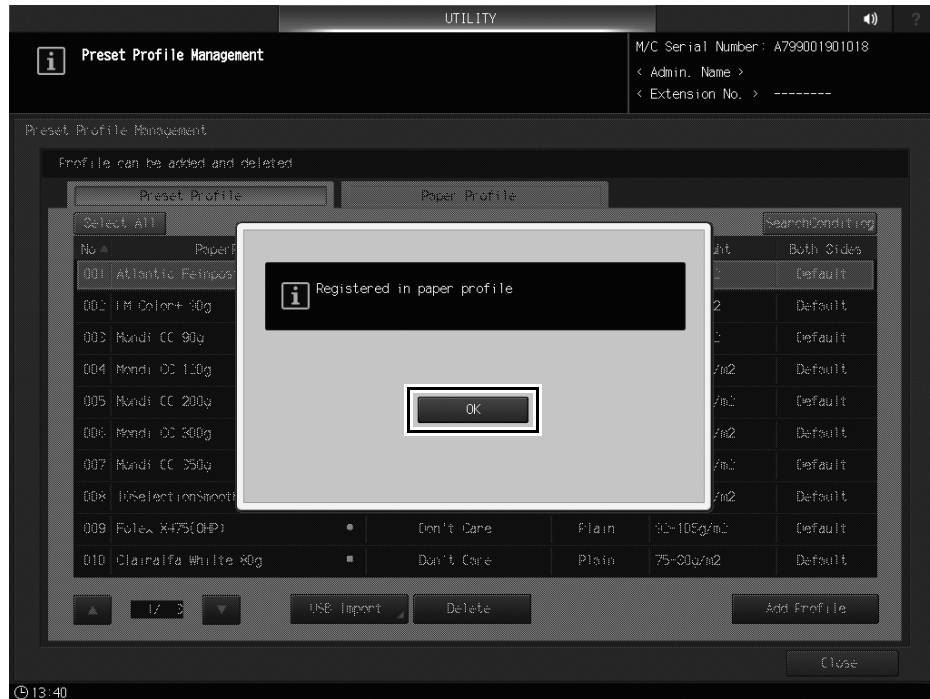
The [Preset Profile Management] screen is displayed.

- 4 Select the preset profiles to add, then press [Add Profile].



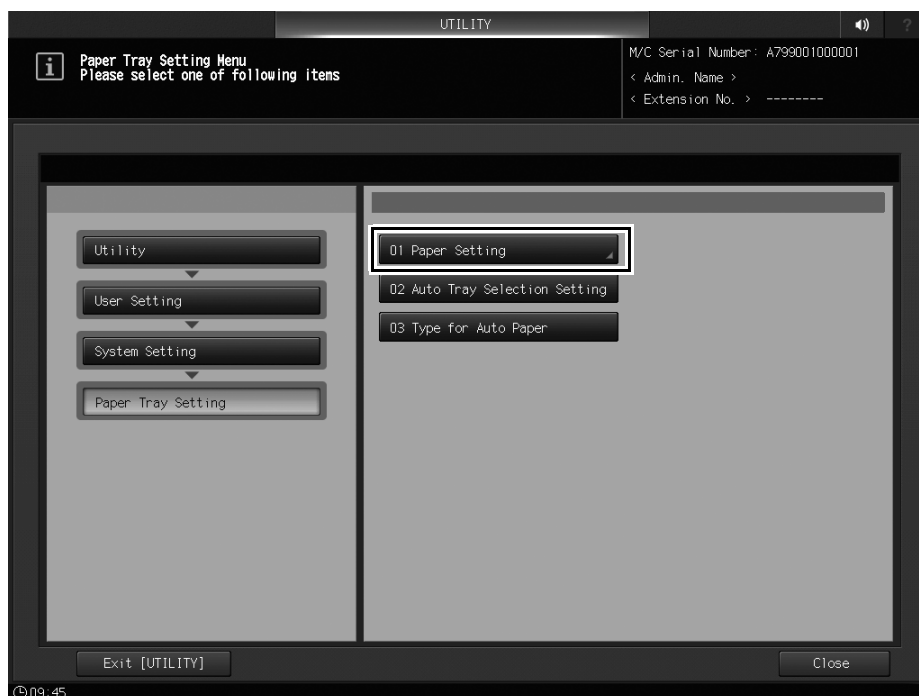
The preset profiles are marked by ☒.

- 5 Press [OK].

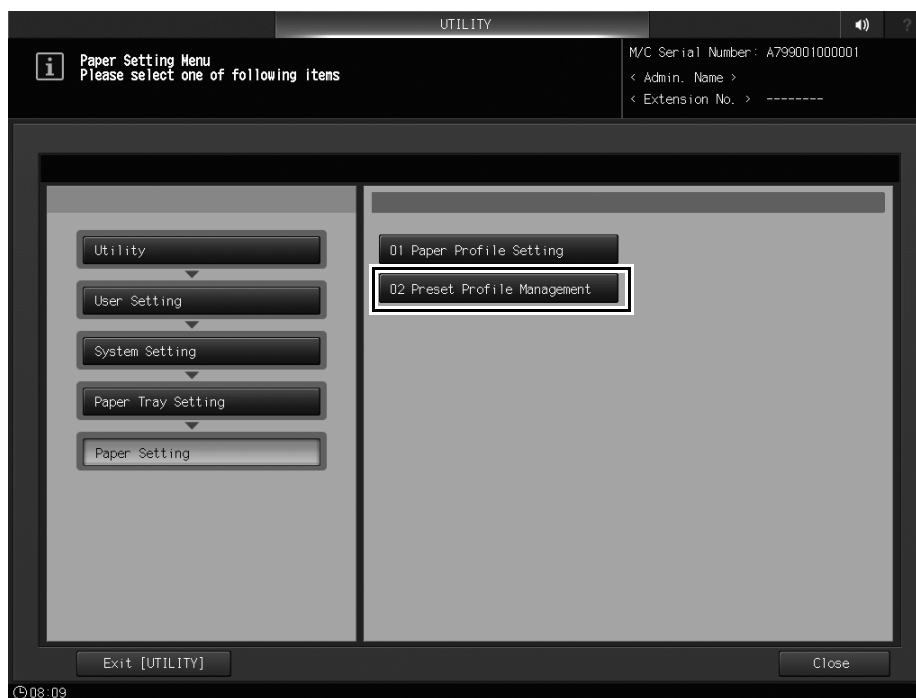


Deleting the Preset Profiles

- 1 Press **Utility/Counter** on the **control panel** to display [UTILITY], then press [User Setting] to display the [User Setting Menu] screen.
- 2 On the [User Setting Menu] screen, press [System Setting] ► [Paper Tray Setting] ► [Paper Setting].



- 3 Press [Preset Profile Management].

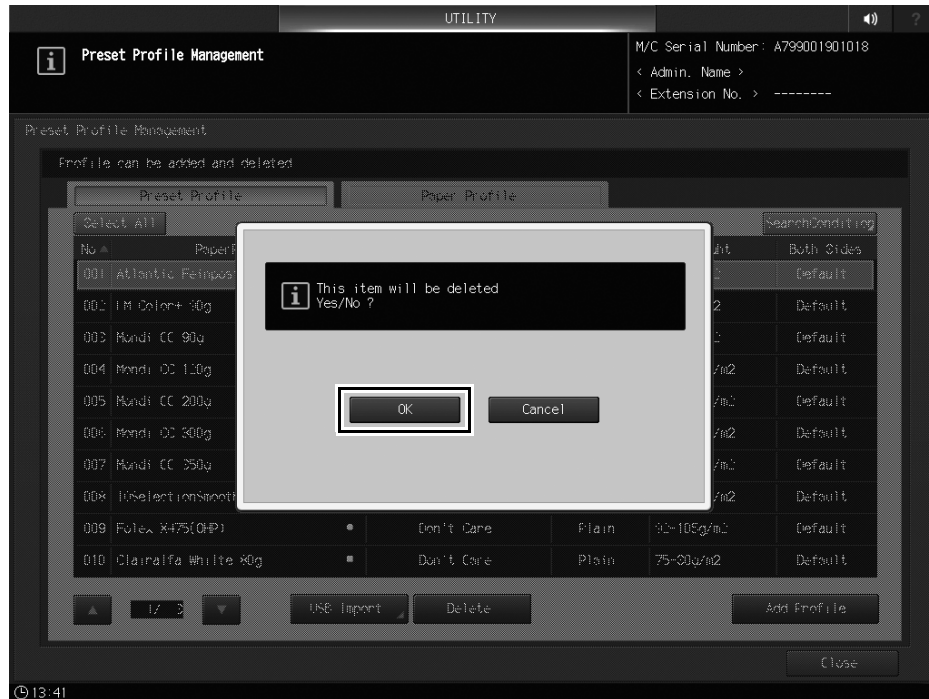


The [Preset Profile Management] screen is displayed.

- 4 Select the preset profiles to delete, then press [Delete].



- 5 Press [OK].

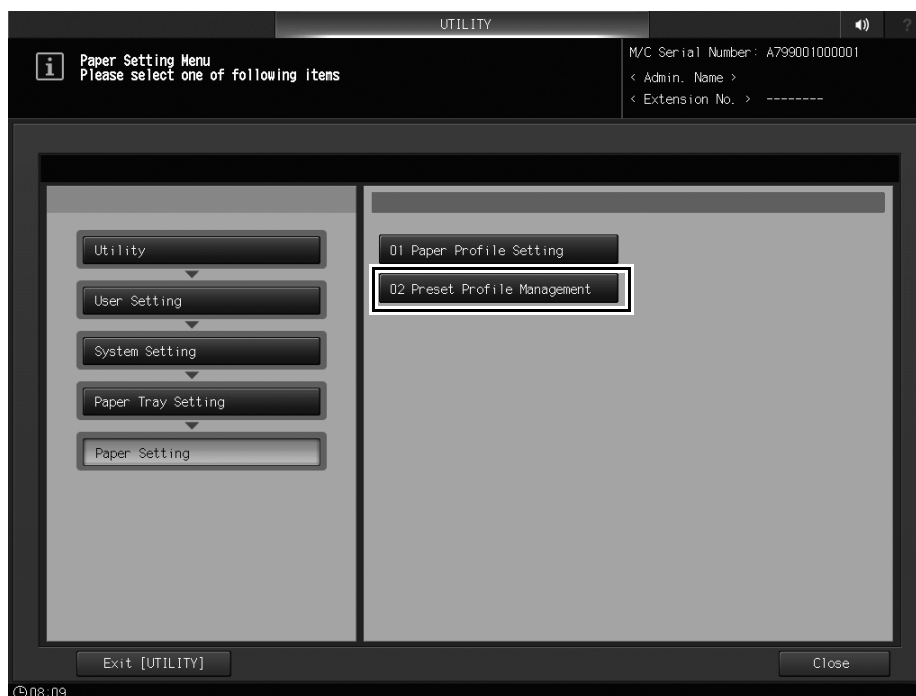


Searching for the Preset Profiles or Paper Profiles

- 1 Press **Utility/Counter** on the **control panel** to display [UTILITY], then press [User Setting] to display the [User Setting Menu] screen.
- 2 On the [User Setting Menu] screen, press [System Setting] ► [Paper Tray Setting] ► [Paper Setting].




3 Press [Preset Profile Management].





The [Preset Profile Management] screen is displayed.

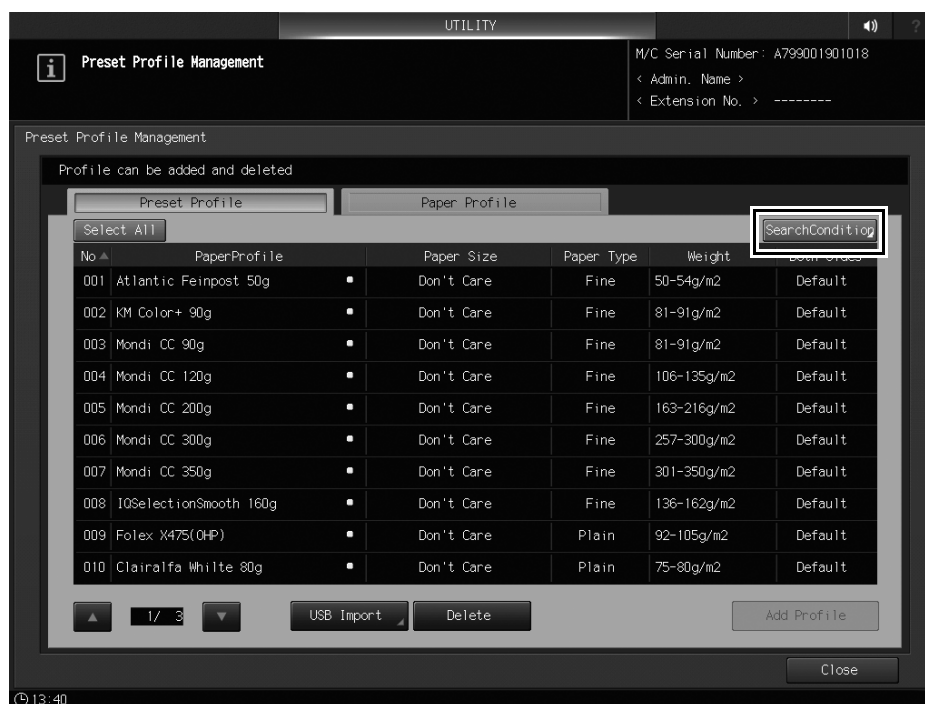
4 Press [Preset Profile] or [Paper Profile] to suit the profile to be searched.



The preset profiles are marked by .

→ The paper profile added from the preset profile is also marked by . If the profile is edited and saved, it is not marked by .

5 Press [SearchCondition].



The [Profile Search Condition] screen is displayed.

6 Specify search conditions, then press [Search].





Shortcut Key Register

6 Shortcut Key Register

6.1 Shortcut Key Register

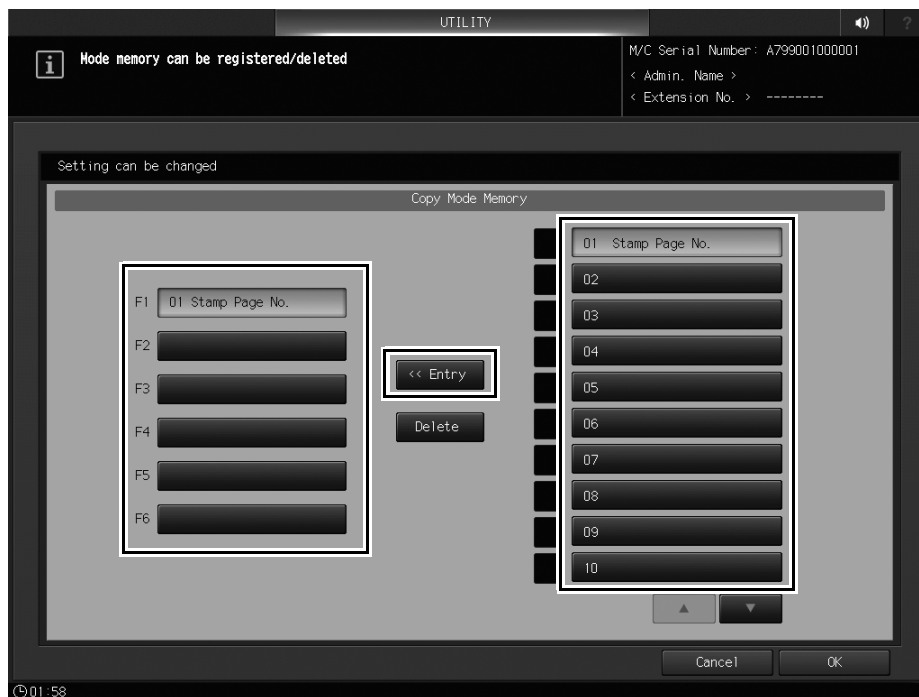
<Additional information 6>

User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [User Setting] ► [System Setting] ► [Shortcut Key Register: Registering the Customized Operation]) Description under the title	<ul style="list-style-type: none"> • Display up to six Copy Mode Memory shortcut keys at the bottom of the [COPY] screen. • Display up to six Scan Mode Memory shortcut keys at the bottom of the [SCAN] screen. • Display up to six Store Mode Memory shortcut keys at the bottom of the [STORE] screen.

<Additional information 7>

User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [User Setting] ► [System Setting] ► [Shortcut Key Register: Registering the Customized Operation]) Step 15 and after	Addition of function * For details, refer to the following.

- 16** To display Copy Mode Memory shortcut keys at the bottom of the [COPY] screen, press [Copy Mode Memory] to display the registration screen.



- Select the desired one from [F1] to [F6] as a shortcut key you want to register Copy Mode Memory in, select the desired one from [01] to [30] as a button that has a copy condition registered, then press [<<Entry].
- To display buttons [11] to [20] or [21] to [30], press [▼] or [▲].

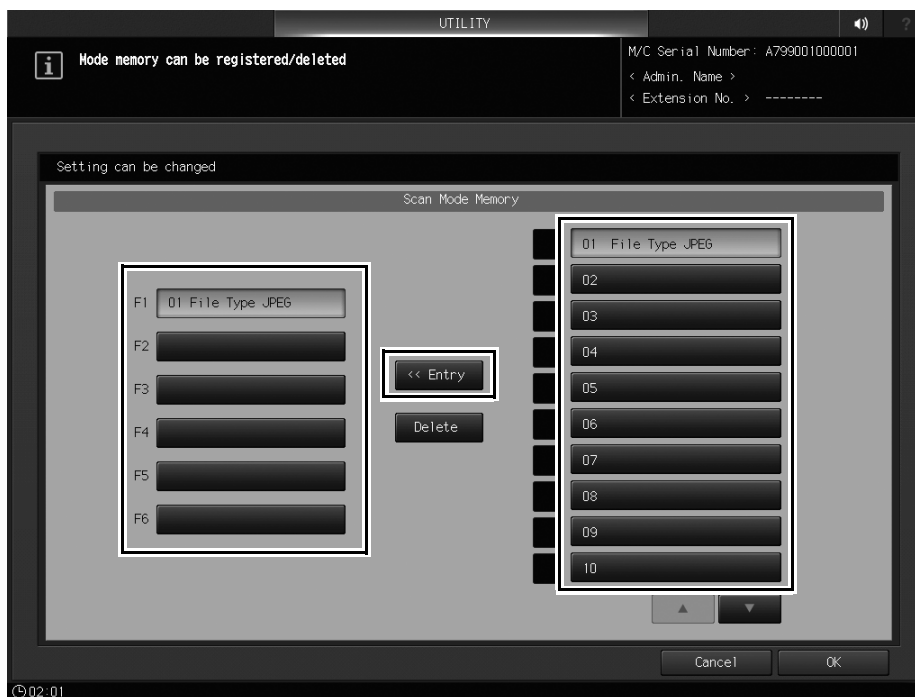
NOTICE

Copy conditions must be registered in advance. For the setting procedure, refer to [COPY] ► [Copy Assist Functions] ► [Mode Memory: Registering/Recalling/Repeatedly Using Copy Job Setting] ► [Registering Copy Job Setting] in the HTML User's Guide.

- 17** Press [OK] to complete the setting.

To cancel the change, press [Cancel]. In either case, the display returns to the [Shortcut Key Register Menu] screen.

- 18** To display Scan Mode Memory shortcut keys at the bottom of the [SCAN] screen, press [Scan Mode Memory] to display the registration screen.



→ Select the desired option from [F1] to [F6] as a shortcut key to register Scan Mode Memory in, select the desired option from [01] to [30] as a button that has a scan condition registered, then press [<<Entry].

→ To display buttons [11] to [20] or [21] to [30], press [▼] or [▲].

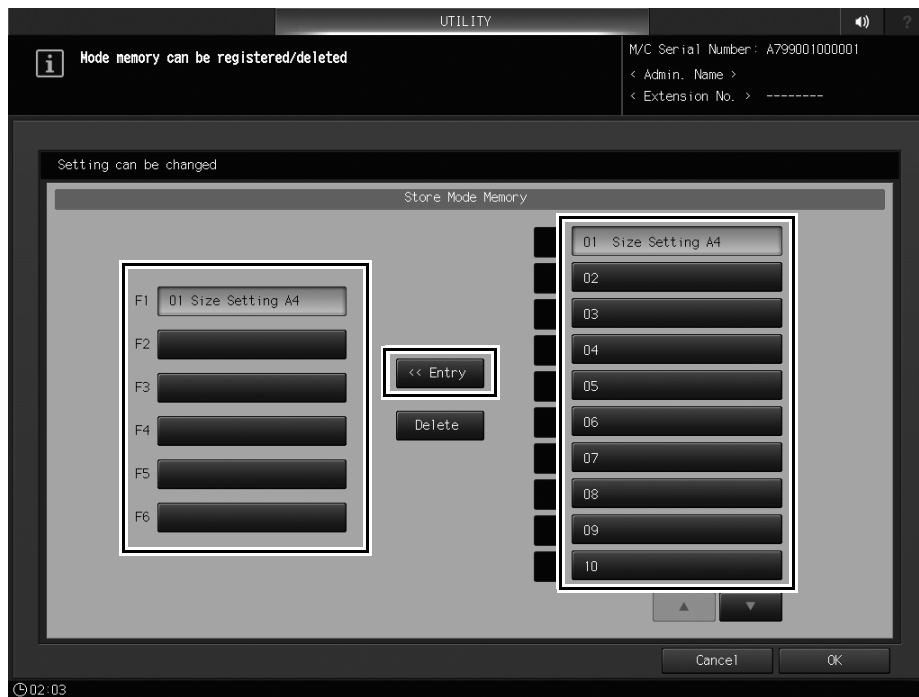
NOTICE

Scan conditions must be registered in advance. For the setting procedure, refer to [SCAN] ► [Scanning Functions of Image Controller] ► [Scan Operation Assist Function] ► [Mode Memory: Register/Call Scan Settings] ► [Storing Scan Conditions] in the HTML User's Guide.

- 19** Press [OK] to complete the setting.

→ To cancel the change, press [Cancel]. In either case, the display returns to the [Shortcut Key Register Menu] screen.

- 20** To display Store Mode Memory shortcut keys at the bottom of the [STORE] screen, press [Store Mode Memory] to display the registration screen.



- Select the desired option from [F1] to [F6] as a shortcut key you want to register Store Mode Memory in, select the desired option from [01] to [30] as a button that has a store condition registered, then press [<<Entry].
- To display buttons [11] to [20] or [21] to [30], press [▼] or [▲].

NOTICE

Store conditions must be registered in advance. For the setting procedure, refer to [Job Operations] ► [Hold Job and Save on HDD] ► [STORE Screen] ► [Mode Memory: Register/Call Save Settings] ► [Storing save conditions] in the HTML User's Guide.

- 21** Press [OK] to complete the setting.

- To cancel the change, press [Cancel]. In either case, the display returns to the [Shortcut Key Register Menu] screen.



General Settings

7 General Settings

7.1 General Settings: Specifying Authentication Conditions

<Errata 4>

User's guide / Correction position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [User Auth./Account Track: Setting the User Authentication/Account Track Function] ► [Authentication Method: Setting the Authentication Conditions] In the table ([Public User Access])	Addition of function * For details, refer to the following.

Setting item		Description
[Public User Access]	[Restrict]	Disallows the use of the machine for public users.
	[ON (With Login)]	Allows the use of the machine for public users. When a public user uses this machine, select [Public User], and press [Login] to log in to this machine.
	[ON (Without Login)]	Allows the use of the machine for public users. A public user can use this machine without logging in to this machine.

7.2 Auth. Device Setting: Setting the Authentication Device

<Errata 5>

User's guide / Correction position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [User Auth./Account Track: Setting the User Authentication/Account Track Function] ► [Auth. Device Setting: Setting the Authentication Device] ► [Authentication Method: Specifying the IC Card to Be Used with the Authentication Device]	Correction of operation with the operation screen added * For details, refer to the following.

7.2.1 General Settings: Specifying the IC card to be used with the authentication device

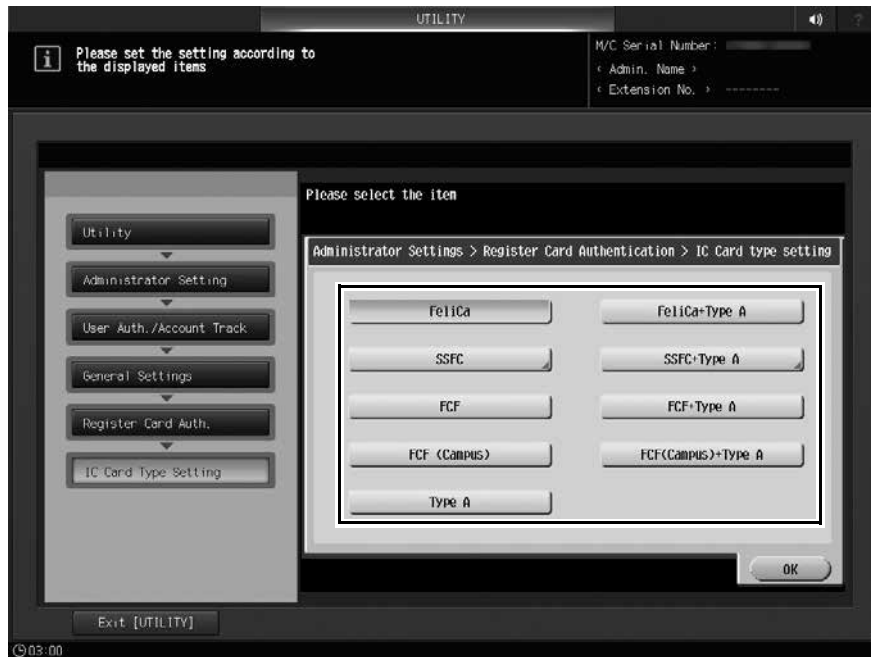
To use the **Authentication Unit AU-201/Authentication Unit AU-201S**, you must first specify the IC card to be used and set the operation for authentication in advance.

- 1 Operate Administrator Setting to display the [Administrator Setting Menu] screen.
For details about how to display the [Administrator Setting Menu] screen, refer to [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [Displaying the Administrator Setting Menu Screen] in the HTML User's Guide.
- 2 Press [User Auth./Account Track] ► [Authentication Device Settings] ► [General Settings] in sequence on the [Administrator Setting Menu] screen.



The [General Settings] screen is displayed.

- 3 Press [Card Authentication] ► [IC Card type setting], then select the IC card to use.

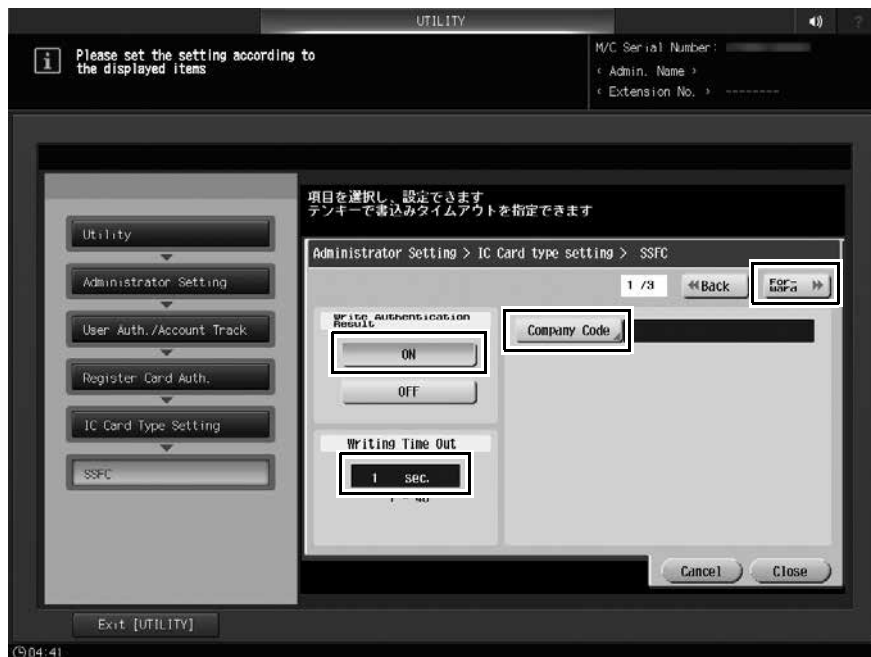


- When you select [SSFC] or [SSFC+TypeA], proceed to Step 4.
- When you press the type other than [SSFC] or [SSFC+TypeA], proceed to Step 7.

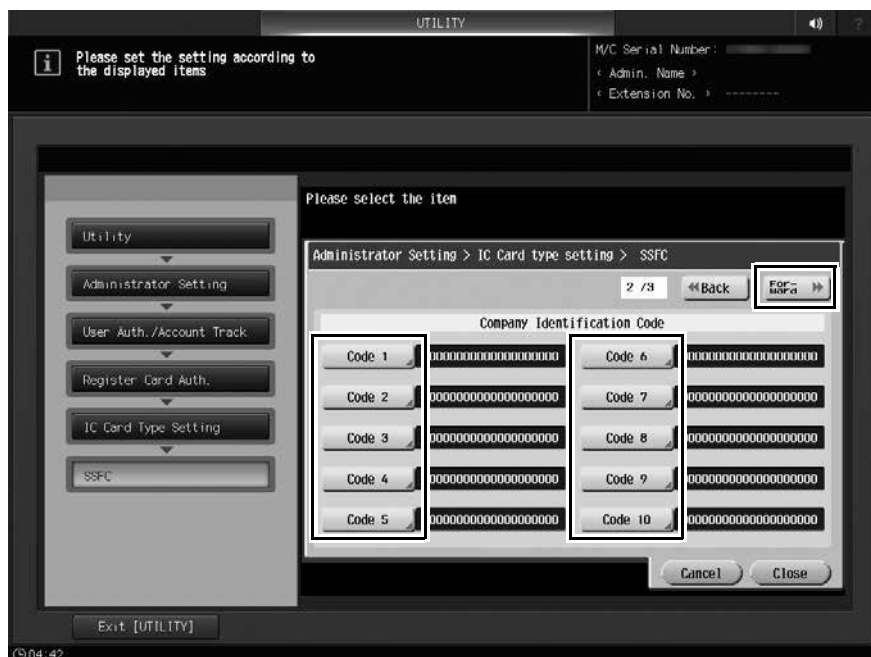
- 4 Set [Write Authentication Result], [Writing Time Out], and [Company Code], and press [Forward].

When you select [SSFC] or [SSFC+TypeA], also perform the same operation.

- Press [ON] in [Write Authentication Result], and enter the number of seconds in [Writing Time Out] using the keypad. Specify the timeout value to be between 1 to 40 seconds.
- Press [Company Code], and enter the code on the screen that is displayed.



- 5 Press [Code 1] to [Code 10] to specify the [Company Identification Code], and press [Forward].



- To specify the [Company Identification Code], enter the target code using the keypad on the screen that is displayed by pressing [Code 1] to [Code 10]. Then, press [OK].



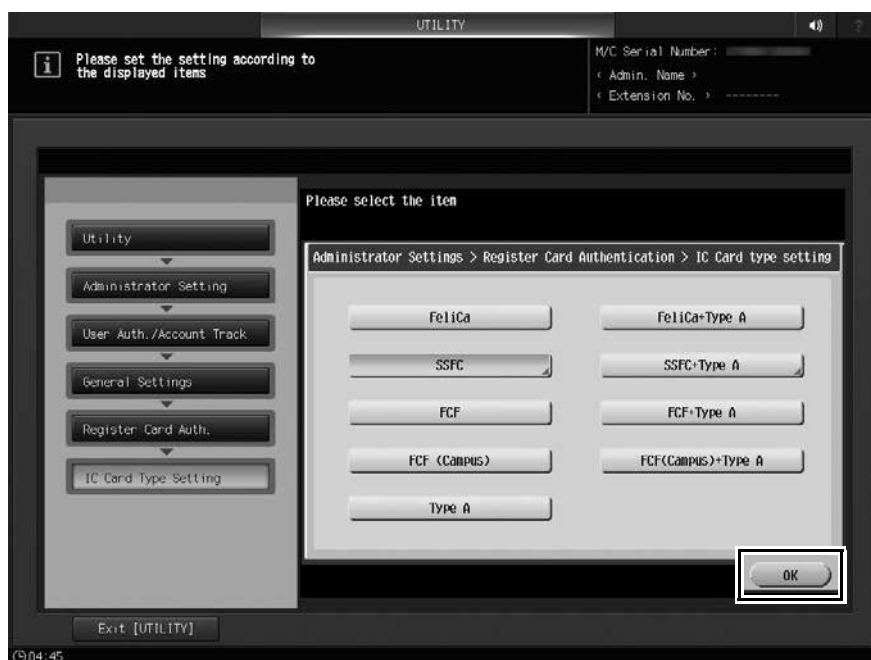
- 6 Press [Area No.], [Building No.], [Floor No.], [Room No.], and [Security Level] to enter the respective setting values, and press [Close].



Enter the setting value using the keypad.

You can specify the entry value in the range from 0 to 65535.

- 7 Press [OK].



The settings are applied.

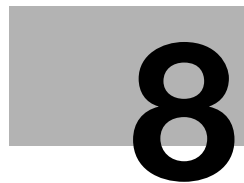
8 Select [Operation Settings].

→ Select [Card Authentication] if you want to use only the IC card for authentication. To use both IC card and password for authentication, select [Card Authentication + Password].

**9** Press [OK].

The setting is applied, and the display returns to the [General Settings] screen.

MEMO



OpenAPI Settings

8 OpenAPI Settings

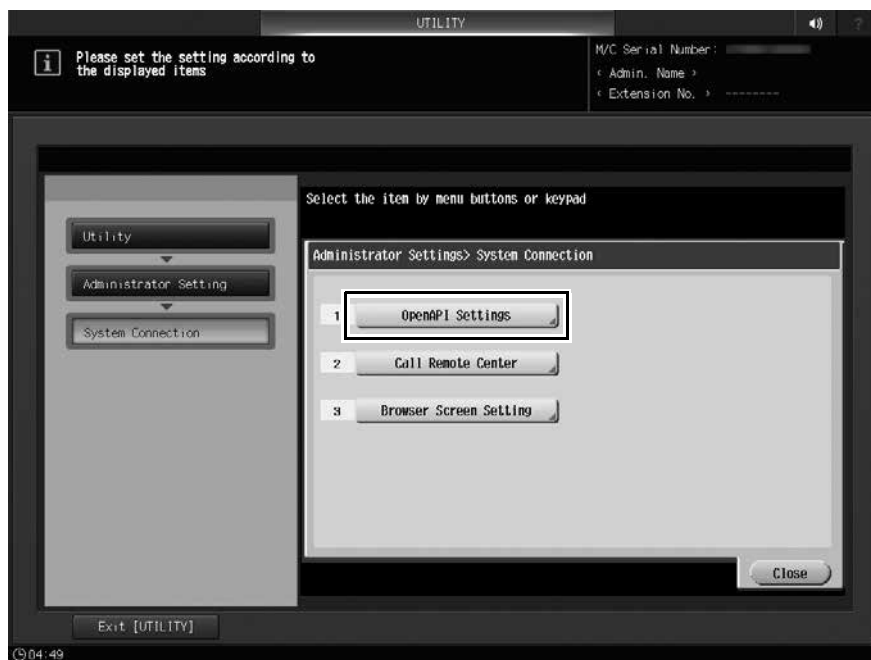
8.1 OpenAPI Settings: Setting OpenAPI Information

<Additional information 8>


User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [System Connection] ► [OpenAPI Settings: Set the OpenAPI information.]	Addition of [Specified Application Start Setting] and [Single Sign-On Setting] functions * For details, refer to the following.

8.1.1 Specified Application Start Setting

- 1 Operate Administrator Setting to display the [Administrator Setting Menu] screen.
For details about how to display the [Administrator Setting Menu] screen, refer to [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [Displaying the Administrator Setting Menu Screen] in the HTML User's Guide.
- 2 Press [System Connection] ► [OpenAPI Settings] in sequence on the [Administrator Setting Menu] screen.



The [OpenAPI Settings] screen is displayed.

- 3 Press [Access Setting], [SSL/Port Settings], [Authentication], and [Proxy Settings] to specify the respective items, and press .
- Press an item key to display the setting screen for each. When an entry screen is displayed, make an entry as desired, then press [OK] to complete it.



- 4 Press [Specified Application Start Setting].
 - 5 Press [Enable], select the desired application from [Default Startup Application Selection], and press [OK].
- If the desired application is not registered, [Do not start.] is displayed.
- The [Result] screen is displayed. Press [OK] to return to the [Specified Application Start Setting] screen.

8.1.2 Single Sign-On Setting

[Single Sign-On Setting] allows you to refer authentication information from the enhanced server when the OpenAPI application starts. Then, you can create the environment to establish single sign-on with the back-end system that connects with the OpenAPI application and the OpenAPI application to be started.

- To use [Single Sign-On Setting], execute steps 1 to 3 shown in "8.1.1 [Specified Application Start Setting]", and press [Single Sign-On Setting] in step 4 to display the relevant screen. Then, configure the desired setting.
- For [Authentication Info. Reference], you can select whether to refer authentication information from the enhanced server when the OpenAPI application registered in this machine starts.
- When multiple OpenAPI applications are registered, you can select [Enable ALL] or [Individual Settings].
- If you select [Individual Settings], you can specify whether to refer authentication information for each application.
- If you press [Details], you can confirm the detailed information of the selected application.

MEMO



9

Security

9 Security

9.1 Enhancement of Password

<Errata 6>

User's guide / Correction position	Before correction	After correction
<HTML User's Guide> [Security] ▶ [Enhanced Security Mode] ▶ [Overview of Enhanced Security Mode] ▶ [Functions of Enhanced Security Mode] ▶ [Enhanced passwords]	The CE password and administrator password should be comprised of 8 alphanumeric characters (the alphabetic characters are case-sensitive).	Specify the CE password and administrator password using 8 to 64 alphanumeric characters (the alphabetic characters are case-sensitive).
	As for the CE password, administrator password and account password, the machine recognizes the last entered character as the eighth character if 8 or more characters are entered.	If the account password is specified with eight or more characters, the last entered character will be identified as the eighth character.

9.2 USB Port Functions

<Deletion information 1>

User's guide / Deletion position	Before correction	After correction
<HTML User's Guide> [Security] ▶ [Enhanced Security Mode] ▶ [Overview of Enhanced Security Mode] ▶ [Functions of Enhanced Security Mode] ▶ [USB port functions]	When the Enhanced Security mode is set to ON, the following functions are available using a USB port. <ul style="list-style-type: none"> • USB Memory ISW (for CE) • Saving lists and reports in USB memory • Registering data in Density Balance Adjustment • Printing charts via USB (for CE) • Keyboard, mouse • USB scan function 	When the Enhanced Security mode is set to ON, the following functions are available using a USB port. <ul style="list-style-type: none"> • USB Memory ISW (for CE)

9.3 Printing through computer

<Errata 7>

User's guide / Correction position	Description
<HTML User's Guide> [Security] ▶ [Enhanced Security Mode] ▶ [Overview of Enhanced Security Mode] ▶ [Functions of Enhanced Security Mode] ▶ [Printing through computer]	Function change in Enhanced Security mode * For details, refer to the following.

When the Enhanced Security mode is enabled, the authentication method is set to the MFP authentication. To store print data in memory in the machine or on the HDD, you need to enter the user name and password.

For details of the printer controller and printer driver which support the Enhanced Security mode, contact your service representative.

9.4 Data not to be protected in Enhanced Security mode

<Deletion information 2>

User's guide / Deletion position	Description
<HTML User's Guide> [Security] ► [Enhanced Security Mode] ► [Overview of Enhanced Security Mode] ► [Data to be protected] ► [Data not to be protected in Enhanced Security mode]	Data not to be protected in Enhanced Security mode

9.5 Functions of Enhanced Security Mode

<Additional information 9>

User's guide / Addition position	Description
<HTML User's Guide> [Security] ► [Enhanced Security Mode] ► [Overview of Enhanced Security Mode] ► [Functions of Enhanced Security Mode]	Addition of function * For details, refer to the following.

9.5.1 Synchronously set and restricted functions

When Enhanced Security Mode is set to ON, the following functions are set and restricted synchronously.

- IPsec is also set to ON synchronously. At this time, IPsec is set to the default; therefore, change the setting to suit your environment.
- SSL is not available.

9.6 Enhanced Security Mode

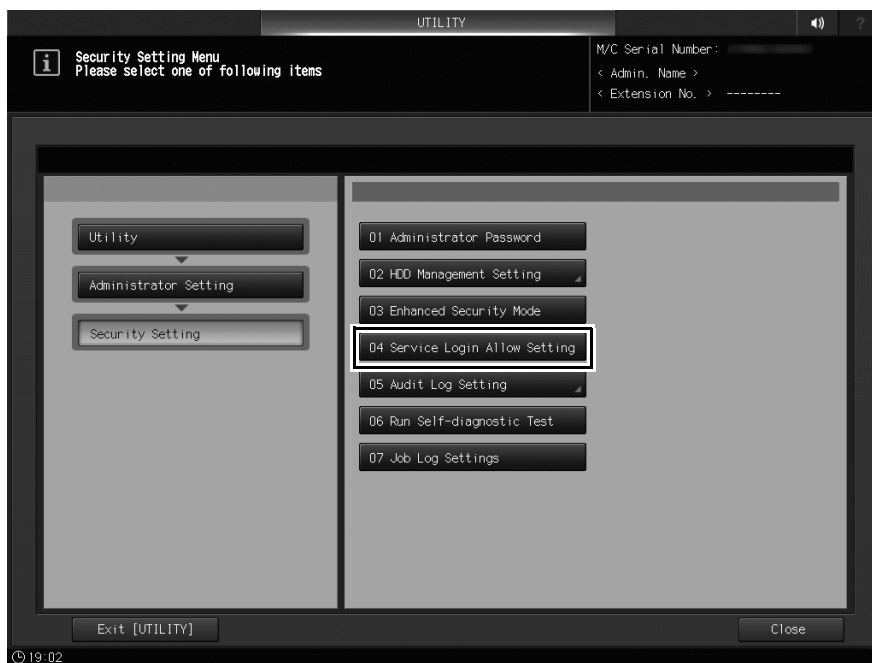
<Additional information 10>

User's guide / Addition position	Description
<HTML User's Guide> [Security] ► [Enhanced Security Mode]	Addition of function * For details, refer to the following.

9.6.1 Service mode use restriction by administrator

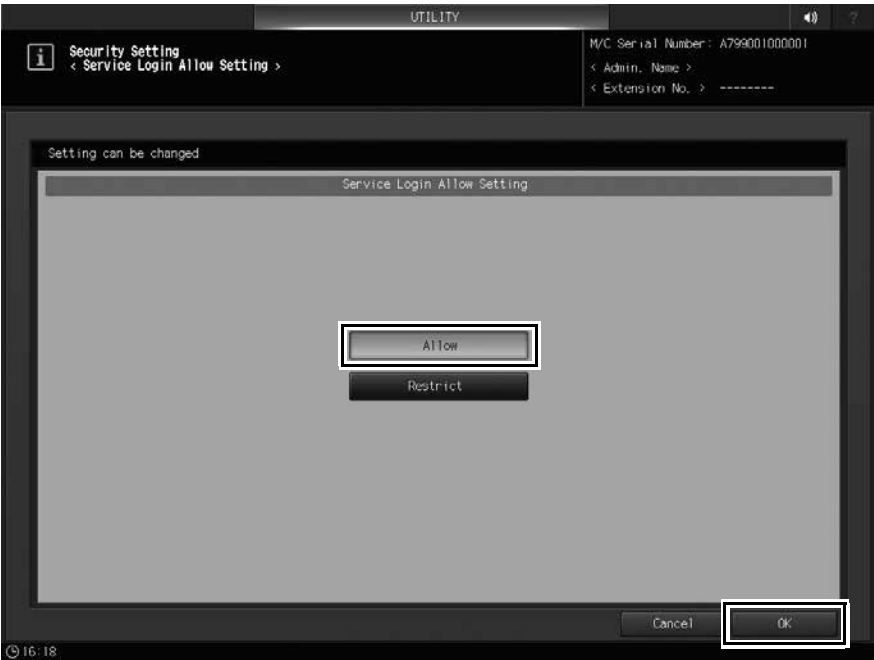
When Enhanced Security Mode is set to ON, the administrator can restrict the use of the service mode by the customer engineer.

- 1 Press **Utility/Counter** on the **control panel** to display [UTILITY], then press [Administrator Setting] to display the [Administrator Setting Menu] screen.
- 2 On the [Administrator Setting Menu] screen, press [Security Setting] ► [Service Login Allow Setting].



The [Service Login Allow Setting] screen is displayed.

3 Press [Allow], then press [OK].



9.7 Outputting Audit Log

<Deletion information 3>

User's guide / Deletion position	Description
<HTML User's Guide> [Security] ► [Enhanced Security Mode] ► [Audit Log] ► [Outputting audit log]	Output Audit Log * Audit log printing and file output became unavailable.

9.8 Transmitting Audit Log

<Additional information 11>

User's guide / Addition position	Description
<HTML User's Guide> [Security] ► [Enhanced Security Mode] ► [Audit Log]	Addition of function * For details, refer to the following.

9.8.1 Audit log address setting

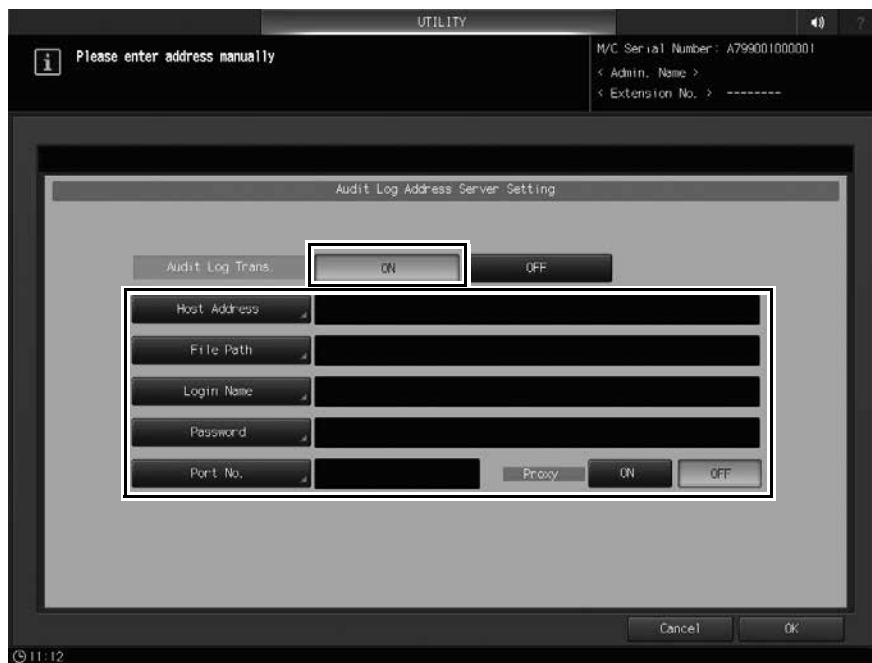
When Enhanced Security Mode is set to ON, specify the address of the WebDAV server to send audit logs to.

- 1 Press **Utility/Counter** on the **control panel** to display [UTILITY], then press [Administrator Setting] to display the [Administrator Setting Menu] screen.

- 2 On the [Administrator Setting Menu] screen, press [Security Setting] ► [Audit Log Setting] ► [Audit Log Address Server].

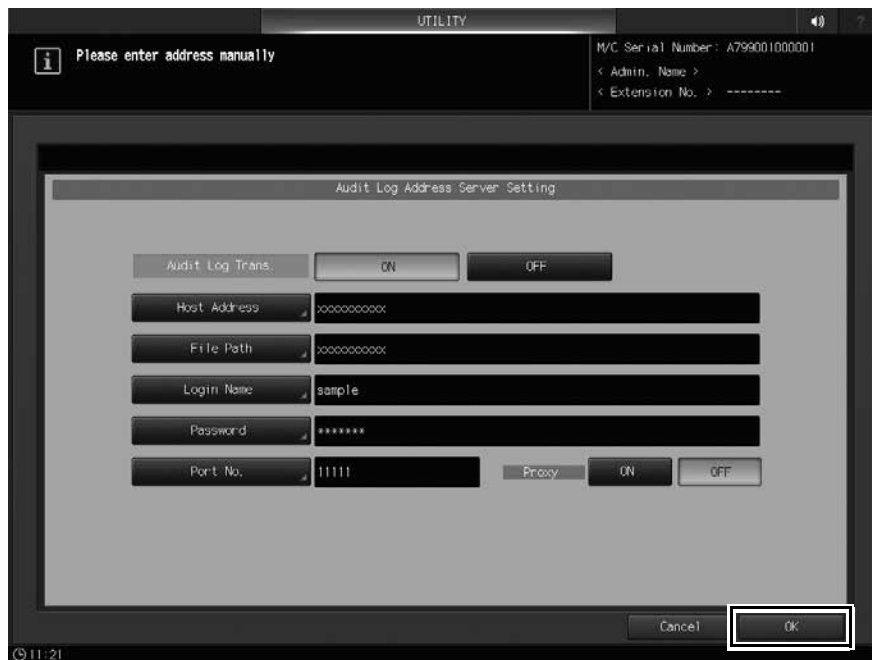


- 3 Press [ON] in [Audit Log Trans.], then configure the WebDAV server setting.



For the WebDAV server setting, refer to [Settings and Adjustments] ► [Utility/Counter] ► [Scan Address Register] ► [Registering a WebDAV Server as a Destination] in the HTML User's Guide.

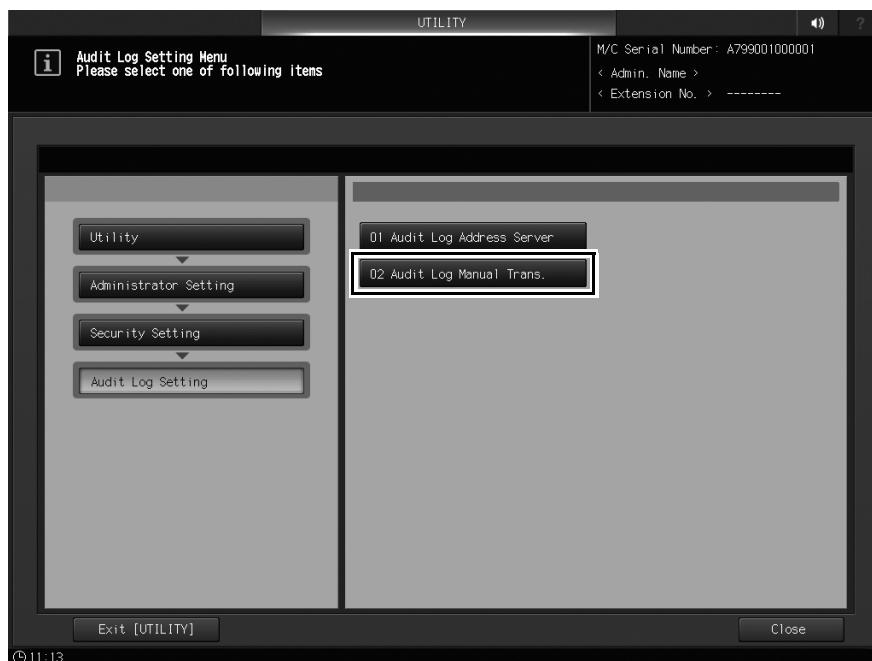
- 4 Press [OK].



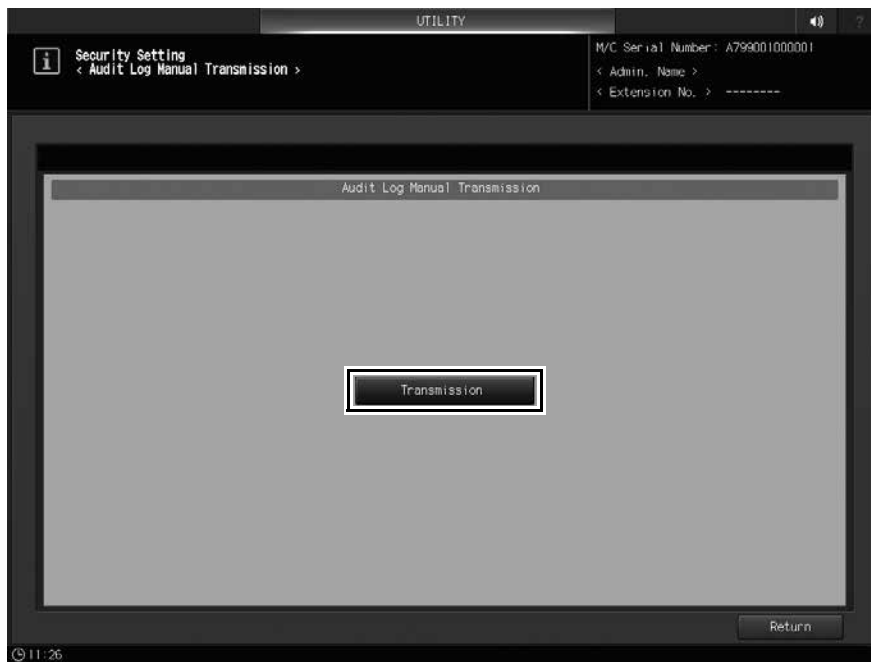
9.8.2 Audit Log Manual Transmission

Audit logs are automatically sent in general use, but they can be sent manually if necessary.

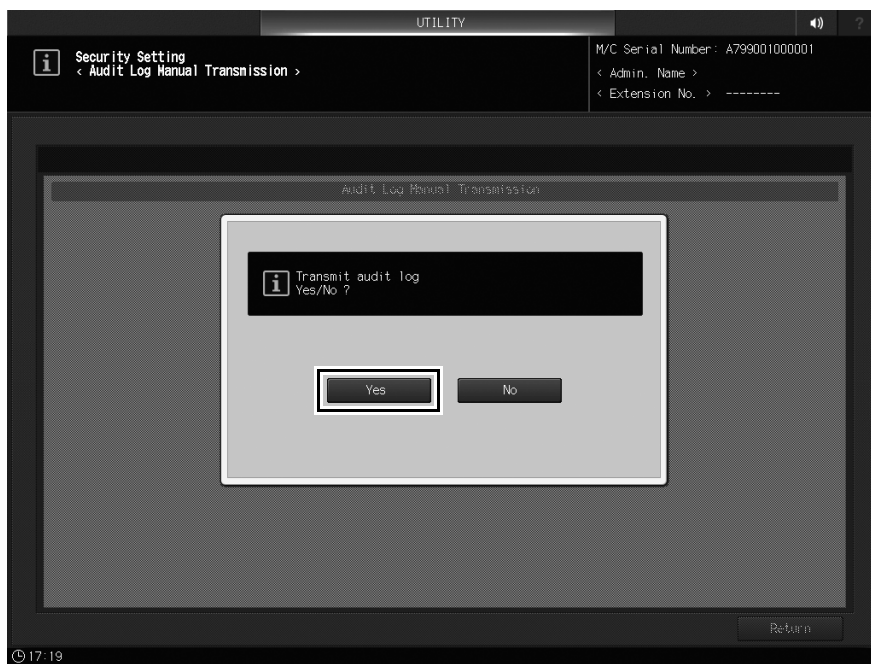
- 1 On the [Administrator Setting Menu] screen, press [Security Setting] ► [Audit Log Setting] ► [Audit Log Manual Trans.].



- 2 Press [Transmission].



- 3 Press [Yes].



When message [Transmitted audit log] is displayed, transmission is completed.

9.9 Analyzing audit log

<Deletion information 4>

User's guide / Deletion position	Description
<HTML User's Guide> [Security] ► [Enhanced Security Mode] ► [Audit Log] ► [Analyzing audit log]	The machine is supposed to store up to 750 logs per month. If more than 750 logs are assumed to be stored in a month, carry out the analysis in a shorter period before unanalyzed logs reach that number.

9.10 Items Saved in Audit Log

<Errata 8>

User's guide / Correction position	Description
<HTML User's Guide> [Security] ► [Enhanced Security Mode] ► [Audit Log] ► [Table of items saved in audit log]	Addition and deletion of items in the table Addition: For details, refer to the table below. Deletion: No.15 Access to stored job

9.10.1 Table of items saved in audit log

The added items are marked by asterisk "*" in "Stored action".

Stored action	Operation	Audit ID	Result
User authentication and identification			
1	Execute CE authentication	CE ID	OK/NG
5	Change or register the CE password	CE ID	OK
2	Execute administrator authentication	Administrator ID	OK/NG
6	Change or register the administrator password	CE ID / Administrator ID	OK
11	Execute user authentication	User ID / Unregistered ID	OK/NG
User alteration			
7	Create user by administrator	User ID	OK
8	Change/Register user password by administrator	User ID	OK
9	Delete user by administrator	User ID	OK
10	Change user attribute by administrator	User ID	OK
12	Change the user attributes according to the user (change the user password, etc)	User ID	OK
Use of management functions and change of security setting			
3	Set/Change Enhanced Security mode	Administrator ID	OK/NG
19	Change HDD lock password	Administrator ID	OK
41*	Change the password rules setting	Administrator ID	OK
42*	Change the network setting	Administrator ID	OK
43*	Change the service login allow setting	Administrator ID	OK
Usage of management functions and security audit			
4	Audit log output (Manual and automatic modes)	Administrator ID	OK/err No
44*	Change the audit log transmission address setting	Administrator ID	OK

Stored action	Operation	Audit ID	Result
Use of management functions and encryption support			
45*	Start the HDD encryption function	CE ID / Administrator ID	OK/NG
46*	Change the HDD encryption setting	Administrator ID / Unregistered ID	OK/NG
47*	Change the HDD encryption password	Administrator ID / Unregistered ID	OK/NG
Usage of management functions and protection of security function operating environment			
49*	Execute ISW	CE ID / Administrator ID	OK/NG
50*	Firmware diagnosis	Administrator ID / Unregistered ID	OK/NG
51*	Device diagnosis	Administrator ID / Unregistered ID	OK/NG
Time change (Use of management functions and protection of security function operating environment)			
20	Date/time setting	User ID	OK
Start and exit of audit function			
52*	Power-on (Start of audit function)	Unregistered ID	OK
53*	Power-off (Exit of audit function) * Sub power	Unregistered ID	OK
54*	Power-off (Exit of audit function) * Main power	Unregistered ID	OK
End of job and operations			
16	Delete store job	User ID	OK
21*	Print copy job	User ID / Unregistered ID	OK/NG
22*	Store copy job	User ID / Unregistered ID	OK/NG
23*	Print print job	User ID / Unregistered ID	OK/NG
24*	Store print job	User ID / Unregistered ID	OK/NG
25*	Execute scan job	User ID / Unregistered ID	OK/NG
26*	Print store job	User ID / Unregistered ID	OK/NG
27*	Change or restore store job (move or copy)	User ID / Unregistered ID	OK/NG
28*	Recall store job	User ID / Unregistered ID	OK/NG
29*	Output store job file	User ID / Unregistered ID	OK/NG

9.11 Possible Troubles in Outputting all Audit Log Data to USB Flash Drive

<Deletion information 5>

User's guide / Deletion position	Description
<HTML User's Guide> [Security] ► [Enhanced Security Mode] ► [Audit Log] ► [Possible troubles in outputting all audit log data to USB flash drive]	Possible troubles in outputting all audit log data to USB flash drive * Audit log output to a USB flash drive became unavailable.

9.12 Job Log

<Additional information 12>

User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [Security Setting]	Addition of function * For details, refer to the following.

9.12.1 Job Log: Spooling job information as log information

Spool information of the job executed on this machine as log information.

The spooled log information can be used for accounting management, ISO14001-base management, security ensuring, and other purposes.

- 1 Operate Administrator Setting to display the [Administrator Setting Menu] screen.
For details about how to display the [Administrator Setting Menu] screen, refer to [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [Displaying the Administrator Setting Menu Screen] in the HTML User's Guide.
- 2 Press [Security Setting] ► [Job Log Settings] in sequence on the [Administrator Setting Menu] screen.



- 3 Press [ON] of [Job Log Settings], specify each item, and press [OK].

[Accounting Log]: Acquires paper consumption information for each user or account track.

[Counting Log]: Acquires information such as paper consumption and paper saving efficiency.

[Overwrite]: Overwrites a new job log to an old job log when a new job log cannot be stored because there is no available space on the hard disk.



→ Pressing [Erase Job Log] erases job logs stored on this machine.

For details about how to create and download job log data, refer to "10 PageScope Web Connection" in this guide.

9.13 [Password Rules Setting]: Enabling Password Rules

<Errata 9>

User's guide / Correction position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Quick Security Setting] ► [Password Rules Setting: Enabling Password Rules]	Function change of [Password Rules Setting] * For details, refer to the following.

Select whether or not to enable the password rules.

Selecting [Enable] sets the machine to accept passwords specified more strictly than usual, according to the password rules as described below.

Password Rules

Authentication type	Available character type	Number of characters	Remarks
Administrator password	Alphabet character (uppercase and lowercase), number, symbol, double quotation mark	8 to 64 characters	-
User password (MFP Authentication)	Alphabet character (uppercase and lowercase), number, symbol, space	0 to 64 characters	When Enhanced Security mode is set to ON, a password of seven characters or less is not available.
User password (Intermediate authentication)	Alphabet character (uppercase and lowercase), number, symbol, space	0 to 64 characters	-
User password (External authentication)	Alphabet character (uppercase and lowercase), number, symbol, space	0 to 64 characters	The character types described here may not be available because the available character type information is obtained via communication with the server.
Folder password	Alphabet character (uppercase and lowercase), number, symbol, space	0 to 64 characters	-
Account password	Alphabet character (uppercase and lowercase), number	0 to 8 characters	This password can be entered using the key-pad of the control panel .

The following passwords are subject to the password rules:

- Administrator password
- User password
- Account password
- HDD Store/Folder password
- Password to be set for a hold job (Secure Print) or HDD store job
- Password to be set for a copy or scan job
- Box password
- Password to be set for a secure job (secure folder)
- Password to be set in Scan Setting/registering a user box

- Various passwords in SNMP Setting
- Password to be set for WebDAV Server Settings

Alphabetical characters should be used in a case-sensitive manner.

Only one-byte symbols can be used.

10

PageScope Web Connection

10 PageScope Web Connection

10.1 [Maintenance] Tab

10.1.1 [Meter Count]

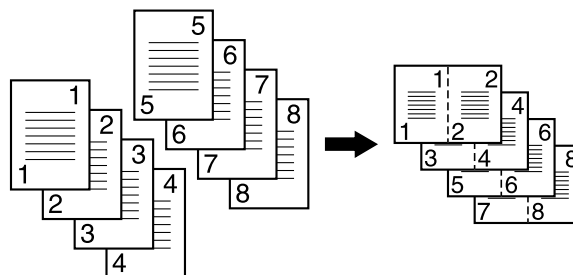
<Additional information 13>

User's guide / Addition position	Description
<HTML User's Guide> [Application] ► [PageScope Web Connection : Web Tool of Image Controller] ► [Configuration of Administrator Mode Screen] ► [Maintenance Tab] ► Meter Count	Addition of function * For details, refer to the following.

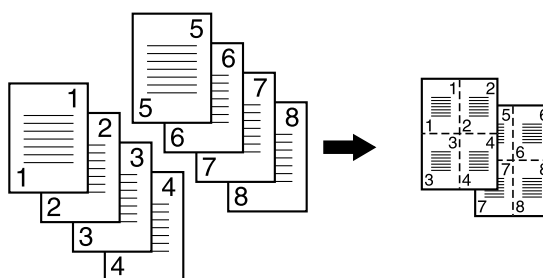
	Item	Description
[Total Counter]	[2in1]	Indicates the counted number of combined originals that are printed using the 2-in-1 function.
	[4in1]	Indicates the counted number of combined originals that are printed using the 4-in-1 function.
	[Other]	Indicates the total number of combined originals that are printed with a combine printing type other than 2-in-1 or 4-in-1 printing, for example, 8-in-1 printing.
	[Total Print Rate]	Indicates the ratio of the number of pages combined for printing against the [total number of sheets used].
In [Total Counter], the contents combined on a single page are defined as a combined original. For example, if you select 2-in-1 printing for 8-page original data, two original pages are combined onto a single sheet for printing. Therefore, the [2in1] count results in "4". Also, if you select 4-in-1 printing, four original pages are combined onto a single sheet for printing. Therefore, the [4in1] count results in "2".		

Count example for 8-page original data

- [2in1]: Total count = 4



- [4in1]: Total count = 2



10.1.2 [Job Log]

<Additional information 14>

User's guide / Addition position	Description
<HTML User's Guide> [Application] ► [PageScope Web Connection : Web Tool of Image Controller] ► [Configuration of Administrator Mode Screen] ► [Maintenance Tab]	Addition of function * For details, refer to the following.

[Create Job log]

Acquire job information created by this machine as log data.

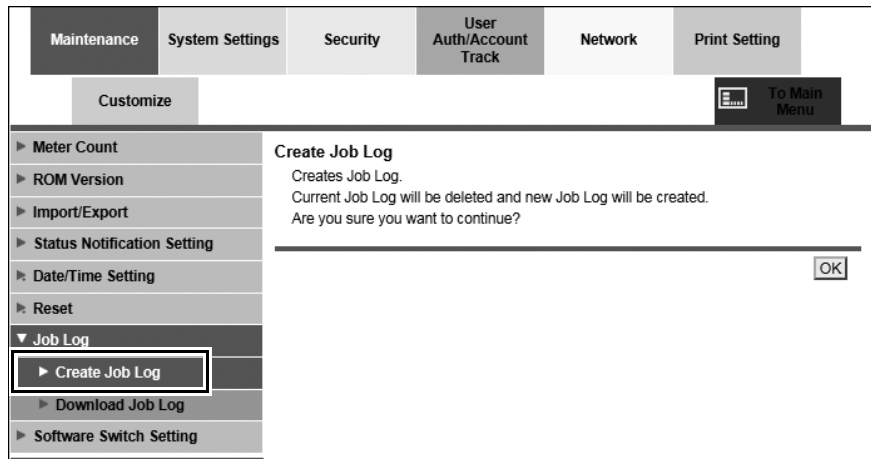
If any job log data is not acquired, select [Download Job Log] shown in the following section to download the job log data before creating a new job log. When a new job log is created, the job log(s) that is not acquired is deleted.

- 1 Select [Job Log Settings] on the [Administrator Setting Menu] screen.

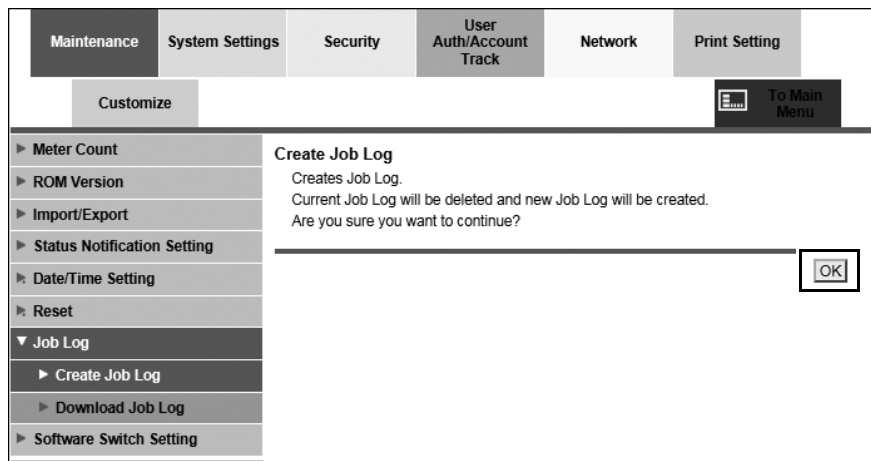


For details about [Job Log Settings], refer to "9.12.1 Job Log: Spooling job information as log information" in this User's Guide.

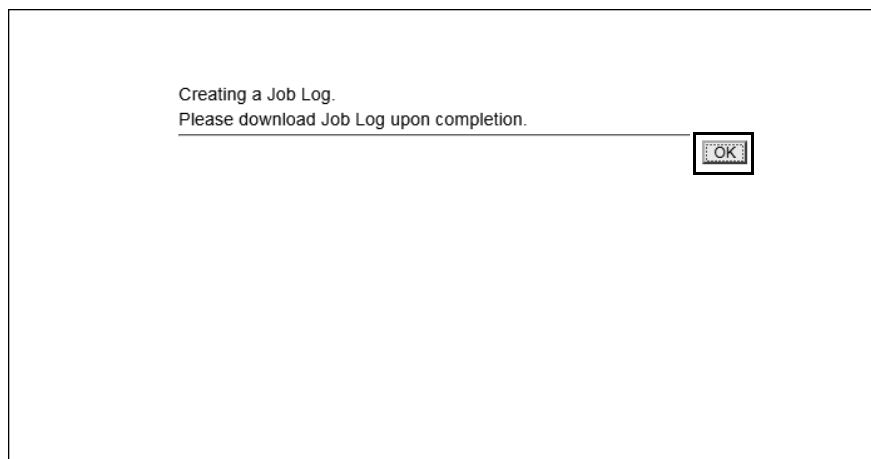
- 2 Click [Job Log] ► [Create Job Log] in the menu of the [Maintenance] tab.



- 3 Click [OK].



- 4 Click [OK] on the page that is displayed.



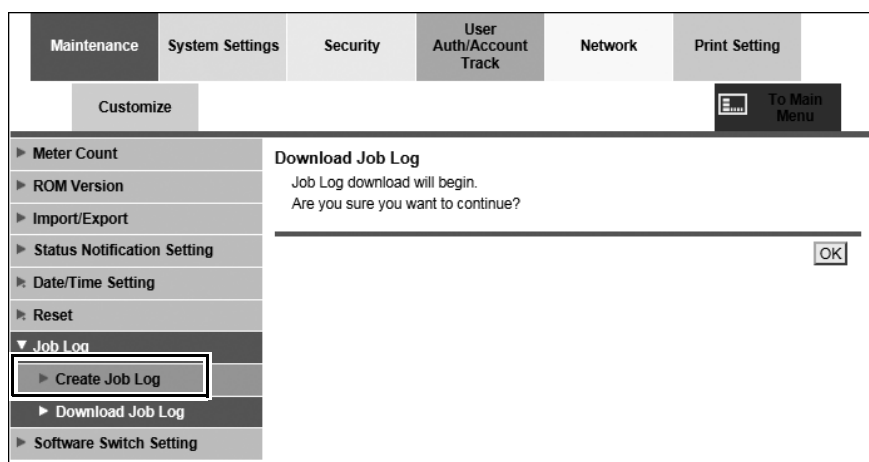
This starts creating a job log.

[Download Job log]

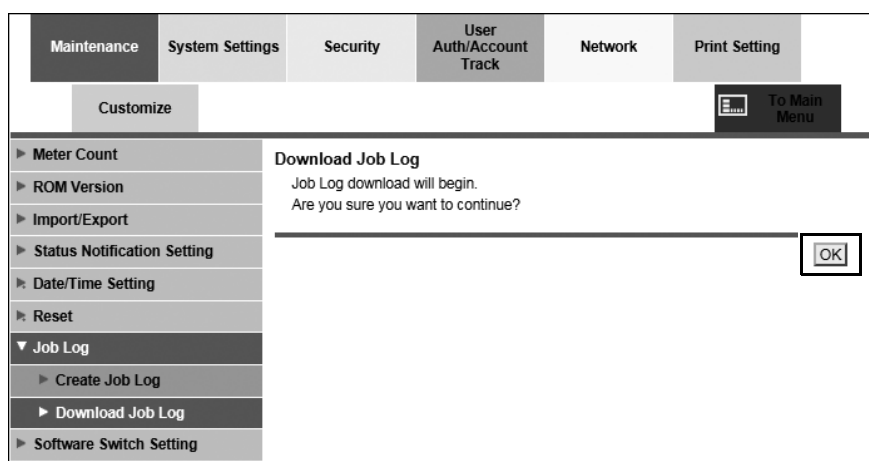
Download the created job log data. Execute this step following "Creating job log data".

For details about how to view the downloaded log data, contact your service representative.

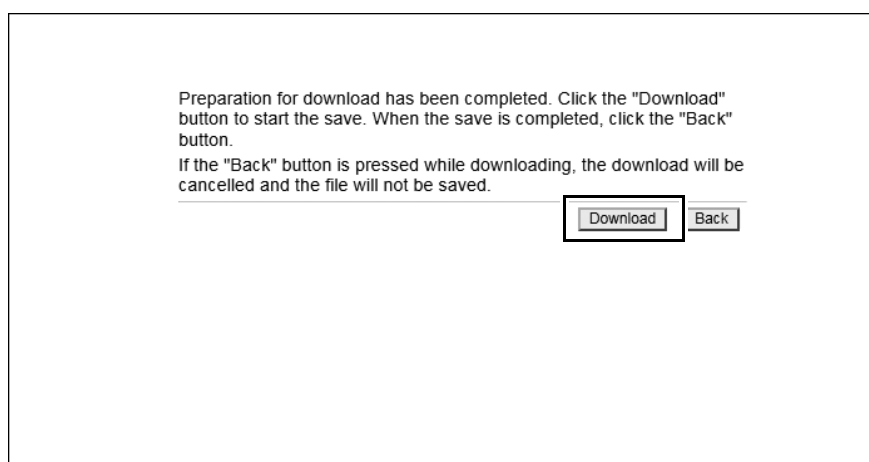
- 1 Click [Job Log] ► [Download Job Log] in the menu of the [Maintenance] tab.



- 2 Click [OK].



- 3 Click [Download] on the page that is displayed.



This starts downloading a job log.

→ When downloading is completed, press [Back].

10.2 [User Auth./Account Track] tab

<Errata 10>

User's guide / Correction position	Description
<HTML User's Guide> [Application] ► [PageScope Web Connection : Web Tool of Image Controller] ► [Configuration of Administrator Mode Screen] ► [User Auth./Account Track tab] ► [General Settings] In the table ([Public User Access])	Addition of function * For details, refer to the following.

Item	Description
[Public User Access]	Specifies the usage conditions of public users. [Restrict]: Public users cannot be used. [ON (With Login)]: Can be used when logging into this machine. [ON (Without Login)]: Can be used without logging into this machine.

10.3 [Network] Tab

10.3.1 [OpenAPI Setting]

<Additional information 15>

User's guide / Addition position	Description
<HTML User's Guide> [Application] ► [PageScope Web Connection : Web Tool of Image Controller] ► [Configuration of Administrator Mode Screen] ► [Network Tab] ► [OpenAPI Setting]	Addition of [Specified Application Start Setting] and [Single Sign-On Setting] functions * For details, refer to the following.

[Specified Application Start Setting]

You can start only the pre-specified OpenAPI application when this machine is started.

- 1 Click [OpenAPI Setting] ► [Specified Application Start Setting] in the menu of the [Network] tab.
- 2 Click [Enable], select the desired application from [Default Startup Application Selection], and click [OK].
If the desired application is not registered, [Do Not Start] is displayed.

[Single Sign-On Settings]

Refer authentication information from the enhanced server when the OpenAPI application starts. Using this function, you can configure the environment to establish the single sign-on with the OpenAPI application to be started and the back-end system associated with the OpenAPI application.

To perform [Single Sign-On Setting], Click [OpenAPI Settings] ► [Single Sign-On Settings] in the menu of the [Network] tab.



Optional Units

11 Optional Units

11.1 Addition of New Optional Units

<Additional information 16>

Added optional unit	Overview
Output Tray OT-510	Output stack tray with the alignment and elevator functions. [Offset Sort], [Sort], [Offset Group], and [Group] are added to the [Output Setting] screen.

<Additional information 17>























































Added optional unit	Overview
Relay Unit RU-518	Relay unit with paper cooling and decurler functions. You can adjust the strength level of the mechanical curl adjustment on the [RU Curl Adjustment] screen.
Humidifier HM-103	Evenly humidifies both sides of paper to decurl.

11.2 Specifications


























<Additional information 18>

User's guide / Addition position	Description
<HTML User's Guide> [Specifications] ► [List of Specifications] ► [Output Option Specifications]	Addition of options * For details, refer to the following.

11.2.1 Output Tray OT-510

Type	Output alignment function, output load tray with elevator function	
Function	Sort, Group, Offset Sort, Offset Group	
Sort/Group	Output Tray	Tray 1 (the primary (main) tray)
	Paper size	Standard: SRA3  , A3  , B4  , SRA4  , A4  , B5  , A5  , B6  , A6  , 13 × 19  , 12 × 18  , 11 × 17  , 9 × 11  , 8.5 × 14  , 8.5 × 11  , 7.25 × 10.5  , 5.5 × 8.5  , Foolscap*, 8K  , 16K  Custom: Widthwise 95 mm to 331 mm, Lengthwise 133 mm to 487.7 mm / Widthwise 3.74" to 13.03", Lengthwise 5.24" to 19.2" Tab paper: A4T  , 8.5 × 11T  Straight output only: 13 × 19  , 5.5 × 8.5  , B6  *: Foolscap refers to 8.5 × 13  , 8.25 × 13  , 8.12 × 13.25  , and 8 × 13  .
	Paper weight	40 g/m ² to 400 g/m ² / 11 lb Bond to 106 lb Bond * 351 g/m ² to 400 g/m ² / 93 lb Bond to 106 lb Bond: The paper types are limited.
Offset Sort / Offset Group	Output Tray	Tray 1 (the primary (main) tray)
	Paper size	Standard: SRA3  , A3  , B4  , SRA4  , A4  , B5  , A5  , 13 × 19  , 12 × 18  , 11 × 17  , 9 × 11  , 8.5 × 14  , 8.5 × 11  , 7.25 × 10.5  , 5.5 × 8.5  , Foolscap*, 8K  , 16K  Custom: Widthwise 95 mm to 331 mm, Lengthwise 133 mm to 487.7 mm / Widthwise 3.74" to 13.03", Lengthwise 5.24" to 19.2" Tab paper: A4T  , 8.5 × 11T  Straight output only: 13 × 19  , 5.5 × 8.5  , B6  *: Foolscap refers to 8.5 × 13  , 8.25 × 13  , 8.12 × 13.25  , and 8 × 13  .
	Paper weight	50 g/m ² to 400 g/m ² / 13 lb Bond to 106 lb Bond * 351 g/m ² to 400 g/m ² / 93 lb Bond to 106 lb Bond: The paper types are limited.
Stack capacity	For the stack capacity of each tray, refer to "11.4.2 Paper Capacity Available for Use" in this guide.	
Dimensions	544 mm (W)* × 723 mm (D) × 1,070 mm (H) / 21.42"* (W) × 28.46" (D) × 42.13" (H) *: 876 mm / 34.49" (including the primary (main) tray), 1,003 mm / 39.49" (including the extension tray of the primary (main) tray)	
Weight	55 kg / 121.25 lb	
Power source	Supplied from the equipment connected previously to the unit.	
Power consumption	144 W or less	

11.2.2 Relay Unit RU-518

Type	Relay unit with paper cooling and decurler functions	
Function	Mechanical curl adjustment	Adjusts paper curl by letting it through a zigzag path, then delivers paper accelerating it according to the basic line speed determined for finishing operation.
	Humidifying curl adjustment	Humidifies using Humidifier HM-103 , and delivers paper accelerating it according to the basic line speed determined for finishing operation.
	Cooling and straight output	Cools paper, and delivers paper accelerating it according to the basic line speed determined for finishing operation.
	Reversing delivery	Reverses and delivers paper accelerating it according to the basic line speed determined for finishing operation.
	Secondary (sub) tray output	Outputs non-offset sets to the secondary (sub) tray .
	Density detection	Measures the density of a chart printed on paper, and adjusts the result.
Paper Size	Standard: SRA3  , A3  , B4  , SRA4  , A4  , B5  , A5  , B6  , A6  , 13 × 19  , 12 × 18  , 11 × 17  , 9 × 11  , 8.5 × 14  , 8.5 × 11  , 7.25 × 10.5  , 5.5 × 8.5  , Foolscap*, 8K  , 16K  Custom: Straight Widthwise 95 mm to 330.2 mm, Lengthwise 133 mm to 1,300 mm / Widthwise 3.74" to 13.0", Lengthwise 5.24" to 51.18" Sub tray or reverse output Widthwise 95 mm to 330.2 mm, Lengthwise 133 mm to 487.7 mm / Widthwise 3.74" to 13.0", Lengthwise 5.24" to 19.2" Curl correction Widthwise 95 mm to 330.2 mm, Lengthwise 139 mm to 487.7 mm / Widthwise 3.74" to 13.0", Lengthwise 5.47" to 19.2" Tab paper: A4T  , 8.5 × 11T  *: Foolscap refers to 8.5 × 13  , 8.25 × 13  , 8.12 × 13.25  , and 8 × 13  .	
Paper type	Recommended paper for the machine	
Paper weight	Straight output, secondary (sub) tray output: 40 g/m ² to 400 g/m ² / 11 lb Bond to 106 lb Bond Reverse output: 40 g/m ² to 350 g/m ² / 11 lb Bond to 93 lb Bond Curl correction, reverse output after curl correction: 50 g/m ² to 350 g/m ² / 13 lb Bond to 93 lb Bond	
Stack capacity (Secondary (sub) tray)	100 sheets (80 g/m ² / 21 lb Bond, Height 20 mm / 0.79") * The capacity of 49 g/m ² / 13 lb Bond or less is not assured.	
Dimensions	410 mm (W) × 787.2 mm (D) × 1,135 mm (H) / 16.14" (W) × 30.99" (D) × 44.69" (H) * Excluding the output tray and projections Including the duct	
Weight	Approx. 95.4 kg / 210.32 lb	
Power source	AC100V, 50/60Hz (supplied through the power cord.) DC24V, 5V (partially supplied from the equipment connected previously to the unit)	
Maximum power consumption	600 W or less (including Humidifier HM-103 and rear-tray connection option)	

11.2.3 Humidifier HM-103

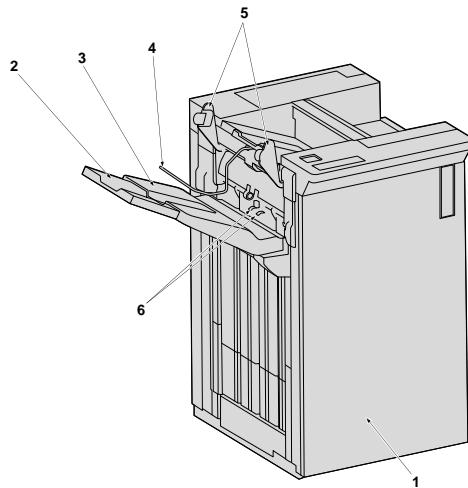
Applicable unit	Relay Unit RU-518
Type	Humidification decurler
Function	Evenly humidifies both sides of paper to decurl
Humidifier tank capacity	Supply tank: 2.9 liters (equivalent to approx. 15,000 A3-size sheets) Water storage tank: 5.2 liters (equivalent to approx. 30,000 A3-size sheets)
Paper Size	Same as for Relay Unit RU-518 .
Paper Type	Recommended paper for the machine
Paper weight	40 g/m ² to 400 g/m ² / 11 lb Bond to 106 lb Bond (At humidification: 50 g/m ² to 400 g/m ² / 13 lb Bond to 106 lb Bond)
Dimensions	Not defined. (built in Relay Unit RU-518)
Weight	Approx. 20.6 kg / 45.42 lb
Power source	Supplied from Relay Unit RU-518

11.3 Machine Configuration

<Additional information 19>

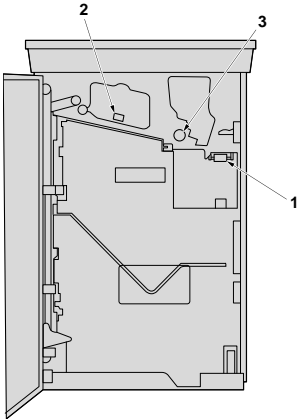
User's guide / Addition position	Description
<HTML User's Guide> [Configuration] ► [Configuration]	Addition of options * For details, refer to the following.

11.3.1 Output Tray OT-510



External view of **Output Tray OT-510**

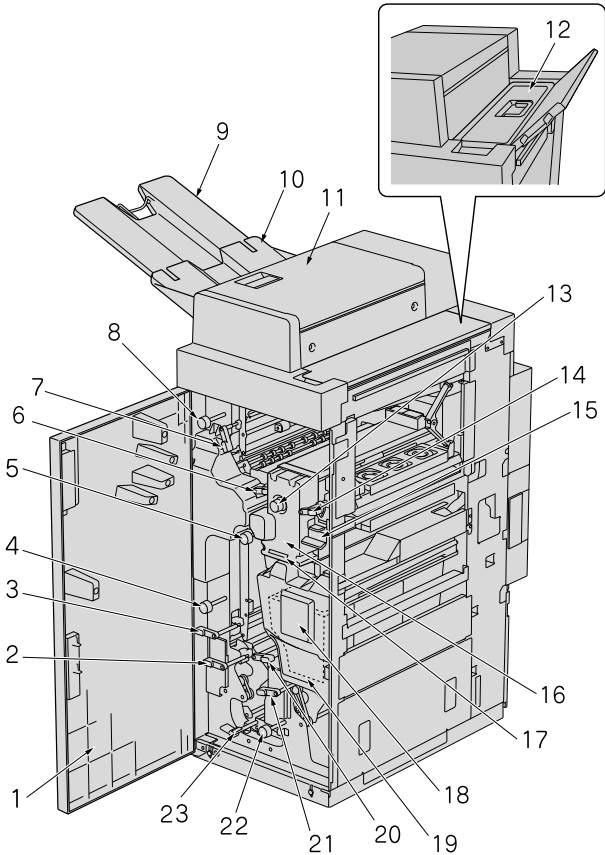
No.	Name	Description
1	Finisher front door	Open this door to clear paper jams.
2	Primary (main) tray extension	Pulled out to hold large paper sizes delivered to the primary (main) tray .
3	Primary (main) tray	Holds sets output in non-offset or offset mode.
4	Paper holder	Holds thin paper or curled paper delivered to the primary (main) tray .
5	Exit guides	Adjusts the position in crosswise direction of sheets delivered to the primary (main) tray .
6	Gripper	Adjusts the position in feeding direction of sheets delivered to the primary (main) tray .

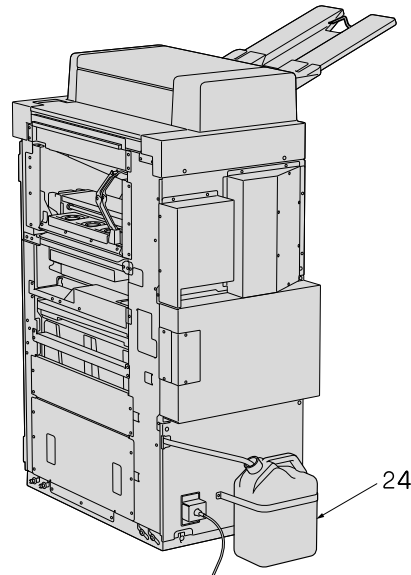


Internal view of **Output Tray OT-510**

No.	Name	Description
1	Lever [FS1]	Opens downward for removal of paper jam.
2	Lever [FS2]	Opens upward for removal of paper jam.
3	Knob [FS3]	Turned to allow removal of paper jam.

11.3.2 Relay Unit RU-518 (Humidifier HM-103)





No.	Name	Description
1	Relay unit front door	Opens to allow removal of paper jam.
2	Lever [RU12]	Opens rightward for removal of paper jam.
3	Lever [RU13]	Opens rightward for removal of paper jam.
4	Knob [RU14]	Turned to allow removal of paper jam.
5	Knob [RU7]	Turned to allow removal of paper jam.
6	Lever [RU4]	Opens upward for removal of paper jam.
7	Lever [RU5]	Opens rightward for removal of paper jam.
8	Knob [RU6]	Turned to allow removal of paper jam.
9	Secondary (sub) tray extension	Pulled out to hold large paper sizes delivered to the secondary (sub) tray .
10	Secondary (sub) tray	Holds sets output in non offset mode.
11	Top cover	Opens upward for removal of paper jam.
12	Supply tank	Remove this tank, and replenish water to it.
13	Knob [HM1]	Turned to allow removal of paper jam.
14	Lever [RU1]	Opens upward for removal of paper jam.
15	Lever [RU2]	Catch and open downward for removal of paper jam.
16	Humidifier HM-103 (option)	Humidifies both front and back sides of print paper in order to flatten it out.
17	Handle [HM2]	Held to pull out the unit when paper jam occurs.
18	Jam position display	Indicates the position of paper jam by LED lamps.
19	Water storage tank	Used to store water from the supply tank .
20	Lever [RU8]	Opens leftward for removal of paper jam.
21	Lever [RU9]	Remove upward and open rightward for removal of paper jam.
22	Knob [RU10]	Turned to allow removal of paper jam.
23	Lever [RU11]	Opens upward for removal of paper jam.
24	Protection container	Used to collect drained water when a problem occurs.

11.4 Paper Information

11.4.1 Paper Weight Available for Use

<Additional information 20>

User's guide / Addition position	Description
<HTML User's Guide> [Paper and Originals] ► [Paper Information] ► [Paper Weight Available for Use]	Addition of options For details, refer to the following.

Equipment	Weight
Output Tray OT-510	40 g/m ² to 350 g/m ² / 11 lb Bond to 93 lb Bond
Relay Unit RU-518	40 g/m ² to 350 g/m ² / 11 lb Bond to 93 lb Bond

11.4.2 Paper Capacity Available for Use










































<Additional information 21>

User's guide / Addition position	Description
<HTML User's Guide> [Paper and Originals] ► [Paper Information] ► [Paper Capacity Available for Use] ► [Number of sheets that can be loaded and output]	Addition of options For details, refer to the following.

Equipment	Capacity
Output Tray OT-510	Standard capacity (Plain) •Sort/Group (80 g/m ² / 21 lb Bond) Large size: 2,000 sheets Small size: 4,200 sheets Extra-small size: 750 sheets •Offset Sort / Offset Group: 72 g/m ² to 81 g/m ² / 18 lb Bond to 22 lb Bond) Large size: 1,500 sheets Small size: 1,500 sheets Extra-small size: 750 sheets Large size: A3□, B4□*, 8 × 13 □, 12 × 18□, 11 × 17□, 8.5 × 14□, SRA3□, SRA4□/□, 13 × 19□, 8K□ Small size: A4□/□, B5□/□*, 8.5 × 11□/□, 9 × 11□, 16K□/□ Extra-small size: A5□/□, B6□*, 5.5 × 8.5□/□ *: B series is set to JIS or ISO standard sizes as the default setting. This setting depends on the destination. For JIS/ISO switching, contact your service representative.
Relay Unit RU-518	Secondary (sub) tray
	100 sheets (80 g/m ² / 21 lb Bond) (with the full-load detection function)

11.4.3 Paper Size Available for Use

<Additional information 22>























User's guide / Addition position	Description
<HTML User's Guide> [Paper and Originals] ► [Paper Information] ► [Paper Size Available for Use]	Addition of options For details, refer to the following.
Equipment	Available sizes
Output Tray OT-510	Standard: A3  , B4  , A4  , B5  , A5  , B6  , A6  , 8 × 13  , SRA3  , SRA4  , 13 × 19  , 12 × 18  , 11 × 17  , 8.5 × 14  , 8.5 × 11  , 5.5 × 8.5  , 9 × 11  , 8K  , 16K  Custom: Widthwise 95 mm to 331 mm, Lengthwise 133 mm to 488 mm / Widthwise 3.74" to 13.03", Lengthwise 5.24" to 19.21" Tab paper (only with the tab side ahead in output direction) Straight only: 13 × 19  , 5.5 × 8.5  , B6 
Relay Unit RU-518	Standard: SRA3  , A3  , B4  , A4  , SRA4  , B5  , A5  , B6  , A6  , 8 × 13  , 13 × 19  , 12 × 18  , 11 × 17  , 8.5 × 14  , 8.5 × 11  , 5.5 × 8.5  , 9 × 11  , 8K  , 16K  Custom: Widthwise 95 mm to 330.2 mm, Lengthwise 133 mm to 487.7 mm / Widthwise 3.74" to 13", Lengthwise 5.23" to 19.2" Tab paper (only with the tab side ahead in output direction)

11.5 Adjustment

11.5.1 [Finisher Adjustment] (Output Tray OT-510)

<Additional information 23>

User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Adjustments] ► [List of Adjustment Menu Items] In the table	Addition of options For details, refer to the following.

Adjustment item and description	Objects/range of adjustment
[02 Finisher Adjustment] (Output Tray OT-510) This menu item is displayed and can be set on the machine mounted with Output Tray OT-510 .	
[01 Staple Finisher Adjustment] [01 Staple Finisher(Main)Adj.]	
[04 Exit Guide Paper Width Adj.] Adjust the exit guide alignment pitch to be used by the staple finisher. Make adjustment if output paper stack on main tray is uneven in straight delivery.	Objects of adjustment: [Offset for All Size], [SRA3  , [A3  , [SRA4  , [A4  , [A4  , [A5  , [B4  , [B5  , [8K  , [16K  , [12 × 18  , [11 × 17  , [9 × 11  , [8.5 × 11  , [8.5 × 11  , [8.5 × 14  , [8 × 13  , [B5  , [Postcard], [5.5 × 8.5  , [16K  , [Custom(380~488 mm)], [Custom(220~379 mm)], [Custom(139~219 mm)], [SRA4 ]* [Adj. Range: -50~+50 1 step = 0.1 mm] [-] Wide [+] Narrow *: [SRA4 ] is not displayed by default. To use this setting, please contact your service representative.
[07 Upper Gripper Operation] Select the upper gripper operation for main tray delivery exit.	[Auto], [ON], [OFF]
[08 Output Alignment Operation] Select operation for output alignment.	[Auto], [ON], [OFF]

11.6 RU Curl Adjustment

<Additional information 24>

User's guide / Addition position	Description
<HTML User's Guide> [Copy] ► [Basic Settings] ► [Paper Setting]	Addition of function * For details, refer to the following.

When **Relay Unit RU-518** is mounted on the machine, you can perform the mechanical curl adjustment at 20 levels on the [RU Curl Adjustment] screen. When **Relay Unit RU-518** is equipped with **Humidifier HM-103**, [Humidifier Set.] is displayed, so you can select [ON] or [OFF] for the humidification-type curl adjustment.

This example describes how to make curl adjustment on the [RU Curl Adjustment] screen of the [Paper Setting] screen.

- 1 Display the [Paper Setting] screen, and press [RU Curl Adj.].

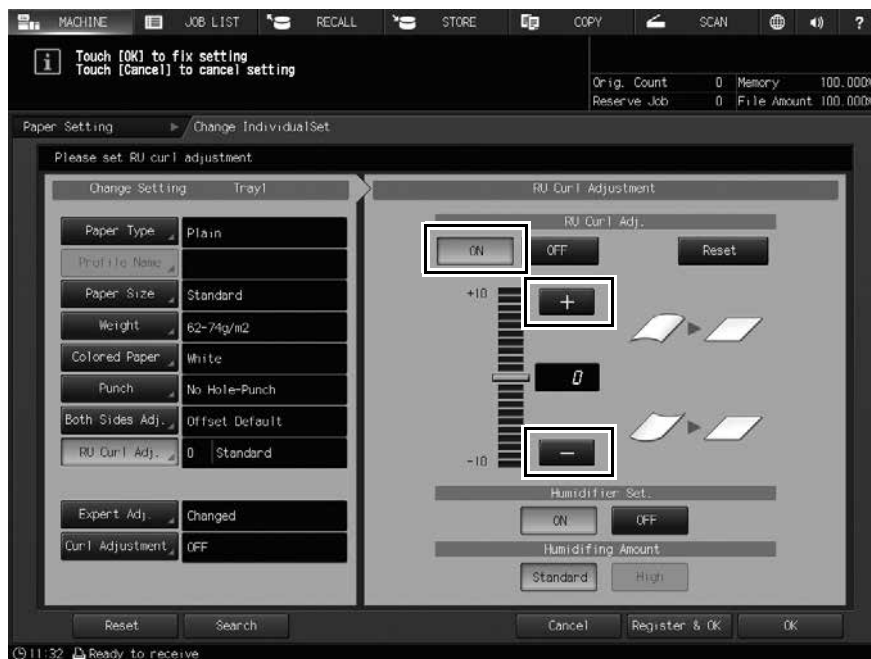
The [RU Curl Adjustment] screen is displayed.

For details about how to set the [Paper Setting] screen, refer to [Copy] ► [Basic Settings] ► [Paper Setting] ► [Paper Setting: Setting Paper for Tray] in the HTML User's Guide.

- 2 Press [ON].

Perform the mechanical curl adjustment to correct paper curl.

→ If curl recurs after [ON] was selected, press the [+] or [-] button to perform the curl adjustment.



- 3 When performing the humidification-type curl adjustment, press [ON].



- 4 Press [OK].
- This returns to the [MACHINE] screen or the [COPY] screen.

11.7 Other Options

<Additional information 25>

User's guide / Addition position	Description
<HTML User's Guide> [Specifications] ► [List of Specifications] ► [Other Options]	- Mount Kit MK-737

12 Others

12 Others

12.1 Default Settings for 2-Sided Printing

12.1.1 Layout

<Errata 11>

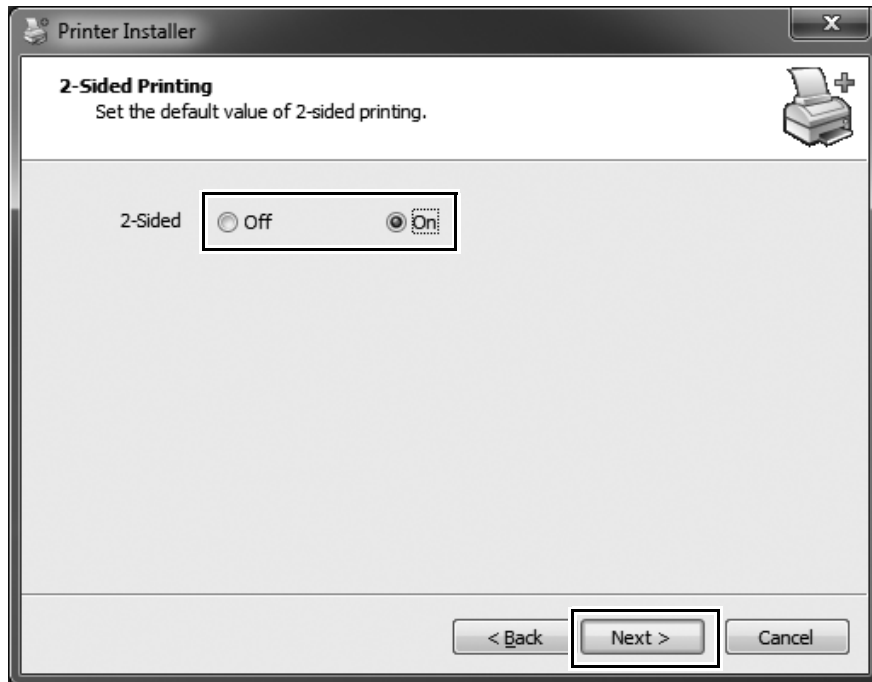
User's guide / Correction position	Before correction	After correction
<HTML User's Guide> [Print] ► [Image Controller] ► [PS Plug-in Driver] ► [PS Plug-in Driver Printing Functions] ► [De- tails of Printing Preferences] ► [Layout] In the table (2-Sided / Descrip- tion)	Set this to perform a 2-sided printing. The default setting for [2-Sided] is [On].	Set this to perform a 2-sided printing. Whether to set the de- fault of [2-Sided] to On or Off varies depending on the option that is selected when the driver is installed.

12.1.2 Installing the PS Plug-in driver

<Additional information 26>

User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Initial Settings and Adjustment] ► [Prepare and Adjust Printer Functions] ► [Install the Win- dows Printer Driver] ► [Easy In- stallation Procedure Using the Installer] ► [Installing the PS Plug-in Driver] Step 8	A step, which is used to set the default of 2-sided printing to 2-Sided or 1-Sided when installing the printer driver, is added. * For details, refer to the following.

- 8 Select [On] or [Off] to set the default of 2-sided printing, then click [Next].



- [Off]: Sets the default to Off (1-Sided).
- [On]: Sets the default to On (2-Sided).

- 9 Click [Finish].



The installation is complete.

- Once the printer is installed, you can select the printer in the application's print screen.

12.2 Default Punch Setting

<Additional information 27>

User's guide / Addition position	Description
<HTML User's Guide> [Copy] ► [Output Setting] ► [Using Finisher FS-532] ► [Punching File Holes in Copies] Under "Important" beneath the title	Reference When multiple options are provided as the number of punch holes, the default number of punch holes can be changed. For details, contact your service representative.
<HTML User's Guide> [Copy] ► [Output Setting] ► [Using Z-Folding Unit ZU-608] ► [Punch: Punching File Holes in Copies] Under "Important" beneath the title	

12.3 Hot Folder Setting

<Additional information 28>

User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [Network settings] ► [NIC Setting: Setting the Machine Network Information] ► [NIC Setting Menu: Configuring the Network Information of the Controller] ► [List of NIC Setting] In the table (Hot Folder Setting)	To use the hot folder function, enable the SMB server setting.

12.4 Software Switch Setting

<Additional information 29>

User's guide / Addition position	Description
<p><HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [Controller Administrator Setting] ► [Software Switch Setting: Setting the Software Switch] ► [List of Software Switch Setting] In the table (Switch numbers 18, 27, 110, 147, 152, and 156)</p>	<p>Addition of function * For details, refer to the following. * For switch numbers 27 and 110, only the <u>underlined part</u> is added.</p>

Switch No.	Problem/Requirement	Solution reached when turned On
18	Register the paper type specified in [MediaType] of the PS command as the paper name.	<p>The paper type is automatically registered when the specified paper name is sent to the engine while this name is not registered on the [Register/Delete Paper Setting] screen. Setting value Off: Not registered. On: Registered. To view the [Register/Delete Paper Setting] screen, open the [UTILITY] screen, and select [User Setting] ► [System Setting] ► [Paper Tray Setting] ► [Paper Setting].</p>
27	When certain PS data is output, an error occurs. The PostScript (Level 1) commands should be supported.	<p>Setting value Off: Do not support the PostScript (Level 1) commands. On: Support the PostScript (Level 1) commands. Important If turned On, the following commands for Level 1 become available. lettertray, legaltray, ledgertray, a3tray, a4tray, b5tray, 11 × 17tray, <u>#copies</u> Important After the change, turn OFF/On the sub power switch to fix the setting.</p>
110	<p>On the direct printing for a specific PS job*, the number of copies set by PjL is not applied, and only 1 copy is printed. How to apply the number of copies set by PjL.</p> <p>* A specific PS job means a job with a staple information set by Custom Operator of PS.</p>	<p>The number of copies set by PjL is prioritized. Restrictions <u>If switch 27 is set to On, data is output by one copy in Postscript with no number of copies specified regardless of the number of copies specified in PjL.</u></p>
147	If data is saved by setting [Sort/Group] to [Group] and the number of copies to [1] using the plug-in driver, it is automatically changed to [Sort] when RIP operation starts in Job Centro.	<p>We take measures so that it is not changed to [Sort] by setting to On.</p> <p>Setting value When the number of copies is set to "1" and [Group] is selected: Off: Changed to the [Sort] setting On: Remains set to [Group].</p> <p>Specifications If [Sort] is selected from the application, Word, using the PPD driver when On is selected, it is forcibly changed to [Group].</p>

Switch No.	Problem/Requirement	Solution reached when turned On
150	Color bar and setting information should be printed in all pages for poster printing.	<p>Setting value: When banner pages are specified in poster printing, information is printed as follows. [Off]: Prints color bar and setting information only in banner pages. [On]: Prints color bar and setting information in all pages.</p> <p>Restrictions</p> <ul style="list-style-type: none"> • This option is available only when PDL is set to PS or PDF. • This option is available only for jobs from AccurioPro Hot Folder or PageScope Direct Print. • If Re-RIP Print, Re-RIP Store, Restore, or Job Reset is select in Job Centro, configuration information is reset. • If [On] is selected, Software Switch 131 is forcibly set to [Off].
151	The page specified with the Duplex command should be printed on the front side.	<p>The page specified with the Duplex command is printed on the front side.</p> <p>Restrictions</p> <ul style="list-style-type: none"> • PDL is only supported for PS and PDF (CPSI).
152	<p>The setting information or color bar printing position has been changed at the time of printing by PageScope Direct Print (PSDP), AccurioPro Hot Folder, or Job Centro.</p> <p>This phenomenon occurs when the original orientation (portrait or landscape) is changed.</p> <ul style="list-style-type: none"> • Original in portrait mode => When [Original Orientation] is set to Landscape, this phenomenon occurs. • Original in landscape mode => When [Original Orientation] is set to Portrait, this phenomenon occurs. 	<p>The specifications related to the setting information or color bar printing position is changed from version 3.0. Version 2.0 or earlier: The printing position is different from that for the Plug-in driver. Version 3.0 or later: All the printing positions are the same with the Plug-in driver.</p> <p>You can use this switch to select the setting information or color bar printing position.</p> <p>Setting value Off: The setting information or color bar printing position is the same as that for the Plug-in driver. (Default position from version 3.0) On: The setting information or color bar printing position is different from that for the Plug-in driver. (Default position of up to version 2.0)</p>
156	Printing stops at the last copy of multiple jobs (2 to 10 copies) sent from the VPSX server.	<p>This printing stop phenomenon may be resolved by extending the job-end detection range.</p> <p>Setting value Off: Does not extend the job-end detection range. On: Extends the job-end detection range.</p>
157	The contents of Result should be output as the response result of the EOJ command.	<p>Configure a setting to output the contents of Result. Example: Result = OK, etc.</p> <p>Setting value Off: Does not extend the job-end detection range. On: Extends the job-end detection range.</p>

Switch No.	Problem/Requirement	Solution reached when turned On
158	In general use, the profile for converting CMYK data to gray scale is different between CPSI and APPE. The CPSI profile is used for normal operations. If the APPE profile is used for high-density photograph data created by CMYK, the image quality may be enhanced. Therefore, the setting should be updated so that the user can use a profile equivalent to the APPE profile.	<p>Setting value Off: Uses the CPSI conversion profile. On: Uses a conversion profile equivalent to the APPE profile.</p> <p>Restrictions "CIE color space" is available only when On is selected. Only PS (CPSI), PDF (CPSI), and PPML are enabled. This setting is available only when the output color is set to "Gray Scale".</p>
159	In general use, the black density 100% area of original data cannot be output with a black density of 100% because the gradation of the CMYK high-density part is reproduced in the APPE profile for converting CMYK data to gray scale. Therefore, the target data should be forcibly output with a black density of 100%.	<p>Configure a setting so that a black density of 100% can be maintained for an image object.</p> <p>Setting value Off: Does not maintain a black density of 100% to output data in gray scale mode. On: Maintains a black density of 100% to output data in gray scale mode.</p> <p>Restrictions The target area is forcibly output with a black density of 100%; therefore, the gradation of the high-density part may be damaged. We recommend that you only use this function for the scanned text data. When this function is set to On, the Pure Black setting is not applied to data. Only PS (CPSI), PDF (CPSI), TIFF (Emperor), and PPML are available. CPSI is available only when switch number 158 is set to On.</p>

12.5 Displaying Job History List

<Errata 12>

User's guide / Correction position	Description
<HTML User's Guide> [Application] ▶ [Web Utilities : Web Tool of this machine] ▶ [Displaying Job History] ▶ [Dis- playing Job History List] Step 5	Correction of operation with the screen changed * For details, refer to the following.

5 Check the job history in the list.

From	To	Log Count	Total Feed Count	Total Exit Count	Waste Sheets
11/2017/06/25K16:06:48	23/2017/06/3013:14:26	23	51	45	5

[Download this log](#)
[Convert CSV \(pop up window\)](#)

No.	Date	JobEnd PrintStart JobAccept	JobId	Mode	Username Filename	Result	Output tray	page/set sheet/set	Set number	Output set	Feed count	Exit count	Waste sheets
23	2017/06/30	13:14:23 13:12:50 13:12:50	1195	Test Pattern		Complete	R/U1 Sub	4 page 4 sheet	1	1	4	4	0
22	2017/06/30	13:05:46 13:04:52 13:04:21	1194	Copy	1193	Cancel	R/U1 Sub	1 page 1 sheet	100	0	1	0	1
21	2017/06/30	13:03:15 13:02:43 13:02:43	1192	Copy		Cancel	R/U1 Sub	1 page 1 sheet	100	0	1	0	1
20	2017/06/30	12:59:25 12:55:52 12:55:25	1191	Copy		Cancel	R/U1 Sub	1 page 1 sheet	1	0	2	0	2
19	2017/06/30	12:55:03 12:54:11 12:54:11	1190	Copy		Cancel	R/U1 Sub	1 page 1 sheet	1	0	1	0	1
18	2017/06/30	12:52:12 12:50:47 12:50:47	1189	Test Pattern		Complete	R/U1 Sub	7 page 7 sheet	1	1	7	7	0

Item	Description
[Download this log]	Downloads a job history in text format.
[Convert CSV (pop up window)]	Displays a CSV-format job history in another window.
[Jump by Number]	Specify a history number to display a job history.
[Jump by Date]	Specify a date to display a job history.

The following items are displayed by default in a job history.

- History No. (Date)
- Job End, Print Start, Job Accept
- Job Id
- Mode
- User name, File name
- Result
- Output tray
- page/set, sheet/set
- Set number
- Output set
- Feed count
- Exit count
- Waste sheets

**Tips**

- "Waste sheets" refers to the number of sheets obtained by subtracting the number of output sheets from the number of feed sheets.
However, the following items are not included in the number of output sheets, and are counted as the number of waste sheets.
 - Sample Print
 - Partition Paper
 - Needless Tab Paper
 - Proof (including 1st sheet)
 - Periodical Color Density Control
 - Periodical Both Sides Auto Adjustment
- Application functions, etc. can be displayed in addition to the history above. For details, contact your service representative.

12.6 Change of [Register] Button Display Position

<Errata 13>

User's guide / Correction position	Description
<p><HTML User's Guide> [Copy] ► [Basic Settings] ► [Paper Setting] ► [Paper Setting: Setting Paper for Tray] Step 24</p>	<p>Modification of the display position of the [Register] button on the [Paper Setting] screen</p> <p>* For details, refer to the following.</p>
<p><HTML User's Guide> [Utilize useful functions] ► [Registering Paper Profile (Paper Catalog)] ► [Paper Profile: Setting and Registering the Paper in the Change Individual Set Screen] [Registering paper setting to paper profile] Step 6</p>	



12.7 Number of Registered Addresses

12.7.1 Registering an FTP server as a destination

<Errata 14>

User's guide / Correction position	Before correction	After correction
<p><HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Scan Address Register] ► [Registering an FTP Server as a Destination] Supplemental statement under lead sentence</p>	<p>You can register up to 30 FTP servers.</p>	<p>You can register up to 150 FTP servers.</p>

12.7.2 Registering an SMB server as a destination

<Errata 15>

User's guide / Correction position	Before correction	After correction
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Scan Address Register] ► [Registering an SMB Server as a Destination] Supplemental statement under lead sentence	You can register up to 30 SMB servers.	You can register up to 150 SMB servers.

12.8 Service Port Device Setting

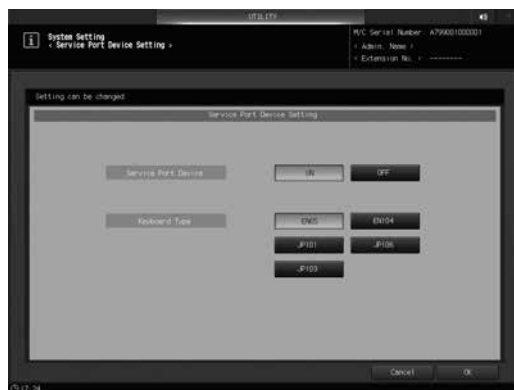
12.8.1 Service Port Device Setting: Selecting whether or not to use a service port device

<Errata 16>

User's guide / Correction position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [User Setting] ► [System Setting] ► [Service Port Device Setting: Selecting Whether or Not to Use a Service Port Device] Screen of step 3	Addition of [UK], [FR], [IT], [DE], and [ES] buttons to the [Service Port Device Setting] screen

Before correction

After correction



12.9 ADF Mode Default Setting

<Deletion information 6>

User's guide / Deletion position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [User Setting] ► [Initial Setting] ► [Copy Initial Setting: Setting the Default Copy Conditions] [Scan Initial Setting: Setting the Default Scan Conditions] [Store Initial Setting: Set the initial conditions for file saving] Step 3 in the item above	Press [ADF] to select the ADF mode. * [ADF] is pressed in Initial Setting; therefore, this explanation is deleted because it is unnecessary.

12.10 Common Setting: Setting the Various Operations of the Machine

<Additional information 30>

User's guide / Addition position	Description
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [User Setting] ► [Common Setting: Setting the Various Operations of the Machine] In the table	Addition of function *For details, refer to the following.
<HTML User's Guide> [Settings and Adjustments] ► [Utility/Counter] ► [Administrator Setting] ► [Common Setting: Setting the Various Operations of the Machine] In the table	

Menu item	Description	Setting options (with default bolded)
[Hold Job Direct Output (Default)]	Select the default for the Direct Output check box under the [Hold Job] screen. [ON] selects the check box, and [OFF] clears the check box. After the change, turn OFF/ON the sub power switch to apply the setting.	ON, OFF

12.11 [Scan Meas.] adjustment

<Errata 17>

User's guide / Addition position	Before correction	After correction
<HTML User's Guide> [Machine Information] ► [MACHINE Screen] ► [Both Sides Adj.] ► [Procedure of Both Sides Adjust] ► [Performing Both Sides Adjustment per Tray] ► [Scan Meas.] adjustment NOTICE in step 3	A3 or larger, or 11 × 17 or larger	A3 or 11 × 17

12.12 Specifications of Printer Functions

<Errata 18>

User's guide / Correction position	Description
<HTML User's Guide> [Specifications] ► [List of Specifications] ► [Specifications of Printer Functions] In the table (Supported Operating Systems)	The newly supported and unsupported operating systems in each driver are as follows. PS Plug-in Newly supported operating systems: Windows Server 2016, Mac OS X 10.11/10.12 Unsupported operating systems: Windows Vista, Mac OS X 10.6/10.7 PPD, PCL Newly supported operating systems: Windows Server 2016 Unsupported operating systems: Windows Vista

12.13 Displaying Output History

<Errata 19>

User's guide / Correction position	Before correction	After correction
<HTML User's Guide> [Job Operations] ► [Check Job History] ► [Displaying Output History] In the table (Number 2)	2 [File Name] Displays the file name when applied.	2 [File Name] Displays the file name when applied. The adjustment names for jobs output through various adjustments are displayed.

12.14 AccurioPro Hot Folder

<Additional information 31>

User's guide / Addition position	Description
<HTML User's Guide> [Application]	Addition of function *For details, refer to the following.

AccurioPro Hot Folder allows you to directly print a PDF or TIFF file without starting an application.

You can also preset the job settings and reduce the burden of making print settings.

AccurioPro Hot Folder can be downloaded from the following URL.

<http://www.biz.konicaminolta.com/download/en/utilities/>

For details on AccurioPro Hot Folder, refer to the Help. Press [Help] on the AccurioPro Hot Folder screens to display related help.



Tips

- PageScope Direct Print is also available in a conventional manner.
- To add a printer, the PS Plug-in driver for Windows or Macintosh must be installed in the computer in advance.

12.15 Correction of Terminology

<Errata 20>

Before correction	After correction
Embossed	Plain-rough

13

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
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- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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