

Duplo

from print to documents

INSTRUCTION MANUAL

DC-618

PC Controller

Be sure to read this manual prior to use.
Please leave this manual at the site of use for easy reference.

Introduction

Thank you for your purchase of the DC-618.

To ensure safe and efficient prolonged use of this machine, read and thoroughly understand this manual before using the machine.

After using this manual, be sure to keep it in a handy place for reference.

Pictorial Symbols and Other Notations Used in This Manual

IMPORTANT : Introduces instructions for correct operation of the machine.
If these instructions are ignored, the machine may not be able to operate at optimum performance or may break down.

REFERENCE : Introduces information that is useful for operation and maintenance of the machine, or information about the machine's performance, etc.

(→ P.00 xxxx) : Indicates the page number and item containing related information.

The English version of DC-618 PC Controller Instruction Manual is original instructions.

Trademarks

- Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
All other trademarks are the property of their respective owners.

PLEASE NOTE

In the interests of upgrading our product, specifications and other data given in this manual are subject to change without notice.


If the manual contains anything that you do not understand, contact the dealer for clarification.


Notes on Safety (Please Read and Observe)

Safety Precautions

Various symbols and pictures are used in this manual and on the labels affixed to the machine. These symbols and pictures provide warnings and instructions to prevent danger to you or other personnel, and to prevent damage to office property.


The meanings of these symbols and pictures are explained below.

 **WARNING** Indicates a high degree of potential danger. Failure to heed the warning may lead to death or serious injury.


 **CAUTION** Indicates a medium degree of potential danger. Failure to heed the caution may lead to injury or damage to property.

<Examples of Pictorial Symbols>



 A circle with a line through it indicates a prohibited action. The particular act prohibited is indicated by a picture inside the circle. (In the example shown here, the prohibited act is disassembly.)



 black disc indicates an instruction, or sometimes a prohibited action. The instruction itself is indicated by pictorial symbols drawn in white on the disc. (In the example shown here, the instruction is Remove the plug from the outlet.)

Contents

Introduction	i
Notes on Safety (Please Read and Observe)	ii

Chapter 1 Before Using the PC Controller

What is PC Controller?	2
Before Installation	2
How to Connect the DC-618 to a Computer	3

Chapter 2 Installing the PC Controller

PC Controller Installation Procedure	6
Windows 10 / 8.1	6
Driver Installation Procedure	9
Windows 10 / 8.1	9
Driver Installation Confirmation	12
Windows 10	12
Windows 8.1	13

Chapter 3 Uninstalling the PC Controller

PC Controller Uninstallation Procedure	16
Windows 10	16
Windows 8.1	17
Driver Uninstallation Procedure	19
Windows 10	19
Windows 8.1	20

Chapter 4 Driver Update

Driver Update	24
---------------------	----

Chapter 5 PC Controller Setting

PC Controller Setting	26
Main Screen	26
Limits of Trail Cutting	28
Programming a JOB	30
Wizard	30
Direct	40
Checking a Saved JOB	56
Job Detail Viewer	56
Open File	58
PDF Template	60
Setting Default Values for a JOB	63
Environment	64

Backing Up and Restoring a JOB	72
Backup	73
Restore	75
Checking a JOB on the Main Screen	76
Job List	76
Job Log	80
Function Settings	81
Feed	81
Process	83
Adjust	86
System	89

Chapter 6 About Import Prepress XML

Setting Import Prepress XML	94
Controlling a JOB Converted from XML	96
XML Tab	96

Chapter 7 Troubleshooting

Messages	100
Messages on the System Status	102
When Using the PC Controller with a Tablet	103
If the NUMERIC Keys Are Not Active	104

Appendix

Index	106
-------------	-----

Chapter 1

Before Using the PC Controller

This chapter contains essential information you should understand such as system requirements and so on.

.....

What is PC Controller?	2
Before Installation	2
How to Connect the DC-618 to a Computer	3

.....

What is PC Controller?

PC controller is a software used to setup a JOB for the DC-618 on a computer. Installation of this software enables a user to program and edit JOBS for the DC-618, with a preview image of a document, as well as save JOB data and execute a JOB from the computer.

Before Installation

The following computer specifications are necessary to run the PC Controller.

- CPU : 1 GHz or faster
- Display : FWXGA (1366 x 768 pixel) or more
- RAM : 1 GB or more
- Free hard-disk space : 500 MB or more
- Operating system : Windows 8.1 (32bit/64bit)
Windows 10 (32bit/64bit)
- Interface : USB 2.0 (B TYPE CONNECTOR)
- CD-ROM drive : Used for installing the PC Controller
- USB cable : Type AB, 3 m or shorter

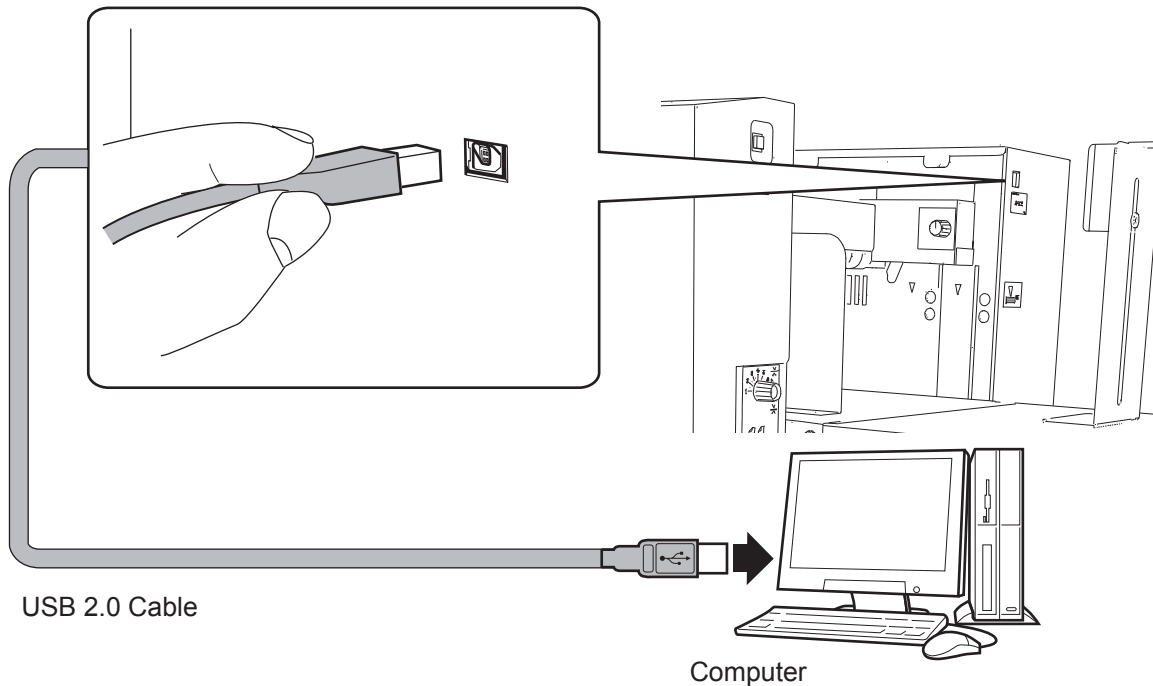
How to Connect the DC-618 to a Computer

Prepare an USB 2.0 cable (AB type connector). Plug the USB terminals into the USB port of the DC-618 and the USB port on your computer.

A USB cable must be within 3 m long.

REFERENCE

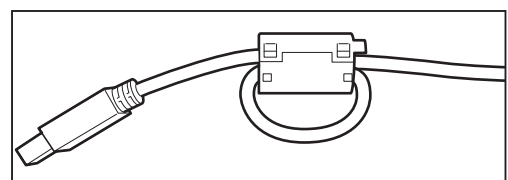
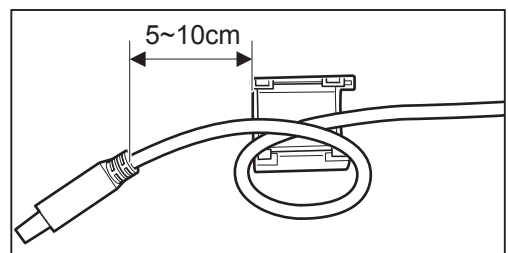
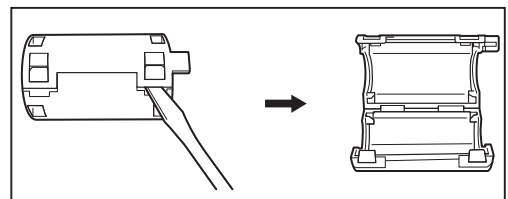
Do not connect the DC-618 to your computer until the driver of the **PC Controller** is installed.



● Attaching the ferrite core

Attach the ferrite core that came with the USB cable as follows:

- 1** Release the lock of the ferrite core with a flat-head screwdriver.
- 2** Attach the ferrite core to the USB cable at a location of 5 to 10 cm (2 to 4 inches) from the base of the plug that connects to the DC-618 as shown in the figure.
- 3** Close the ferrite core so that it securely locks.



MEMO

A series of horizontal dashed lines for writing.

Chapter 2

Installing the PC Controller

This chapter describes how to install the PC Controller on a computer.

.....

PC Controller Installation Procedure	6
Windows 10 / 8.1	6
Driver Installation Procedure	9
Windows 10 / 8.1	9
Driver Installation Confirmation	12
Windows 10	12
Windows 8.1	13

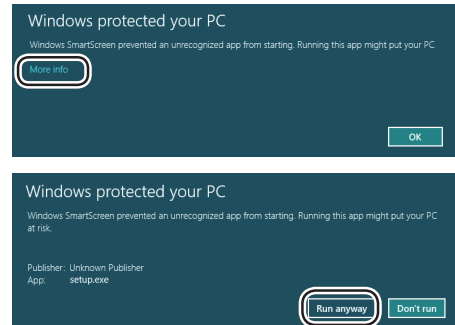
.....

PC Controller Installation Procedure

This section describes the procedure for installing the PC Controller on a computer.

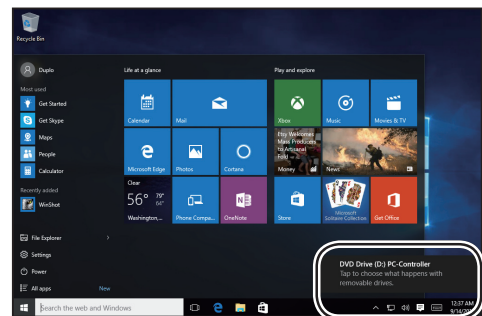
IMPORTANT

- Windows 10 and Windows 8.1 allow multiple users on one computer at the same time. Please make sure that only one user is logged in when installing the PC Controller.
- If you are requested to enter a password of an administrator account during installation of the PC Controller, enter a password of a user with the administrative rights shown.
- The following instructions use the screenshots that appear on Windows 10. If you are using Windows 8.1, the screenshots vary.
- The **SmartScreen warning message** may appear while installation is in progress. Click **More info**, and then click **Run anyway** to proceed with the installation. This software has been thoroughly tested and can be used without any problems.

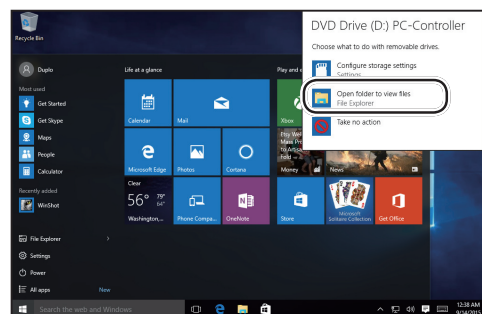


Windows 10 / 8.1

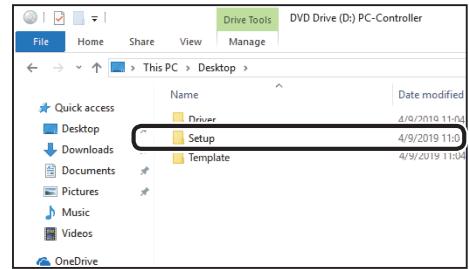
- 1 Make sure that the DC-618 is turned **OFF**. Turn the computer **ON** to start the Windows.
- 2 Insert the CD-ROM that came with the DC-618 into you computer's CD-ROM drive.
- 3 A message appears in the lower right corner of the screen. Click the message.



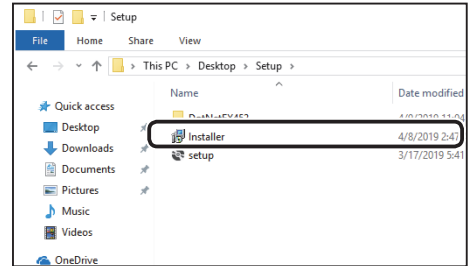
- 4 Click **Open folder to view files**.



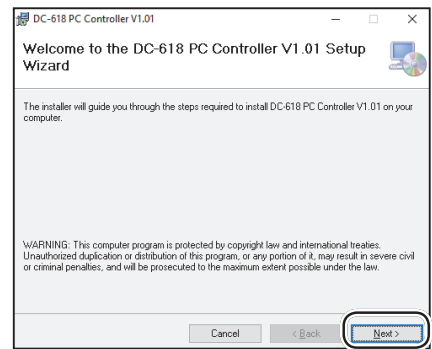
5 Double-click the **Setup** folder.



6 Double-click the **Installer** icon in the folder.



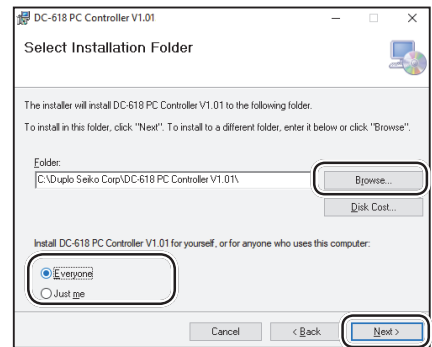
7 Click **NEXT**.



8 Select a folder to install the PC Controller.
Everyone: Multiple users on the same computer
Just me: Only one user on the computer
Click **NEXT**.

REFERENCE

To install the PC Controller in a certain place, click **Browse** and then specify a folder to install the PC Controller.



PC Controller Installation Procedure

9 Click **NEXT**.

REFERENCE

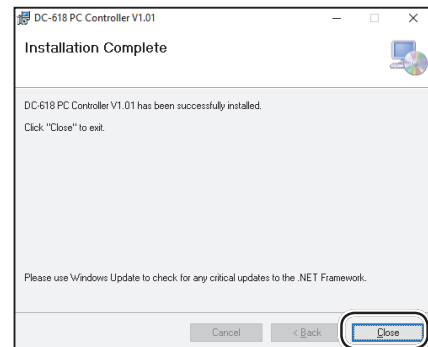
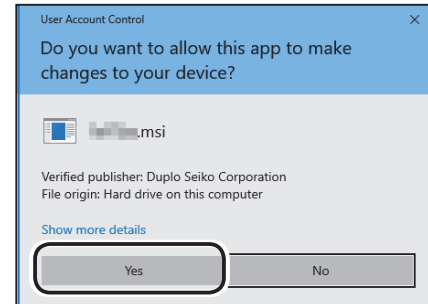
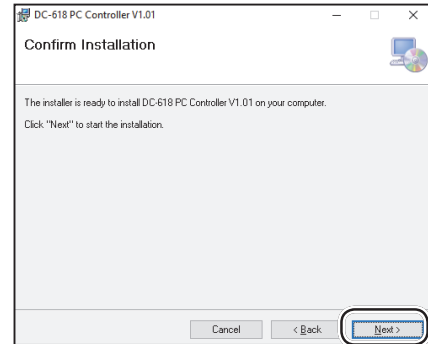
User **Account Control** dialog may appear while the installation is in progress.

Click **Yes** to proceed with the installation.

10 Click **Close**.

IMPORTANT

Go on to the driver installation.



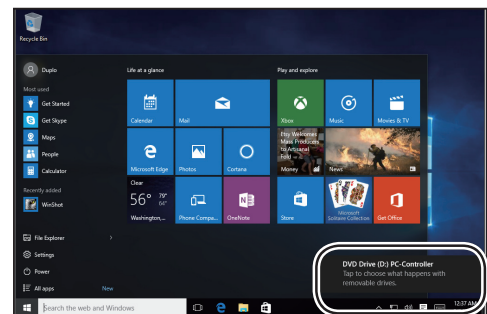
Driver Installation Procedure

IMPORTANT

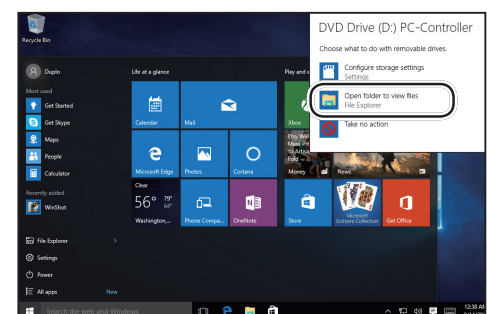
- Windows 10 and Windows 8.1 allow multiple users on one computer at the same time. Please make sure that only one user is logged in when installing the PC Controller.
- If you are requested to enter a password of an administrator account during installation of the PC Controller, enter a password of a user with the administrative rights shown.
- The following instructions use the screenshots that appear on Windows 10. If you are using Windows 8.1, the screenshots vary.
- There are two types (32-bit, 64-bit) of the DC-618 driver for Windows 10 and Windows 8.1.

Windows 10 / 8.1

- 1 Make sure that the DC-618 is turned **OFF**. Turn the computer **ON** to start the Windows.
- 2 Insert the CD-ROM that came with the DC-618 into your computer's CD-ROM drive.
- 3 A message appears in the lower right corner of the screen. Click the message.

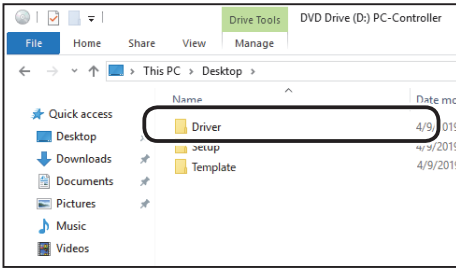


- 4 Click **Open folder to view files**.

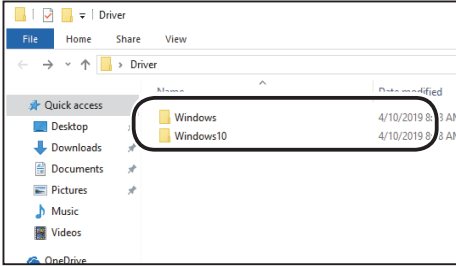


Driver Installation Procedure

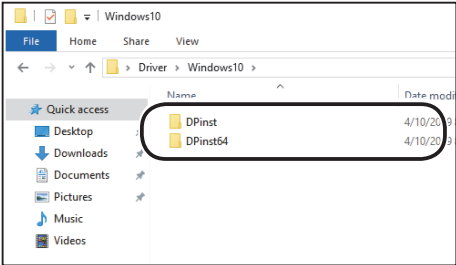
5 Double-click the **Driver** folder.



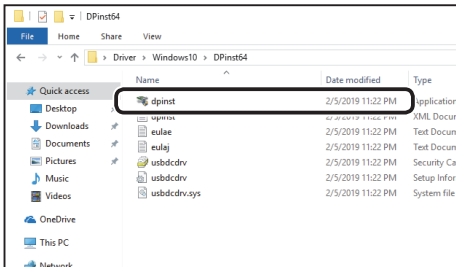
6 If you are using Windows 10, open the **Windows 10** folder.
If you are using Windows 8.1, open the **Windows** folder.



7 If you are using a 32-bit computer, open the **DPinst** folder.
If you are using a 64-bit computer, open the **DPinst64** folder.

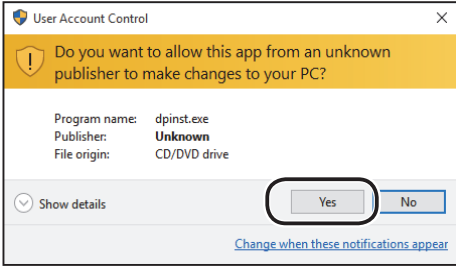


8 Double-click the **dpinst** icon in the folder.

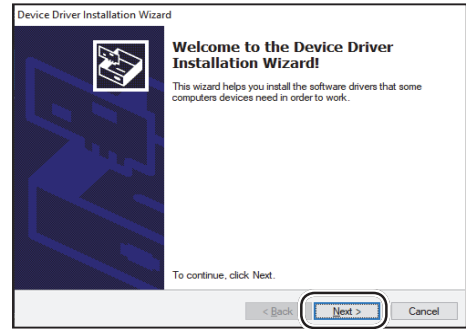


REFERENCE

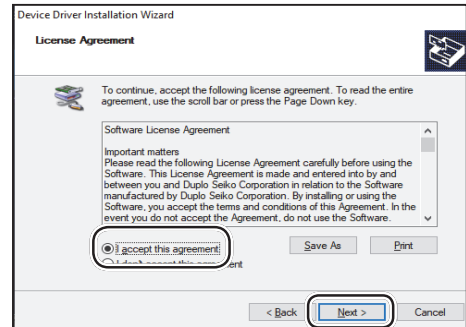
User Account Control dialog may appear while the installation is in progress. Click **Yes** to proceed with the installation.



9 Click **NEXT**.



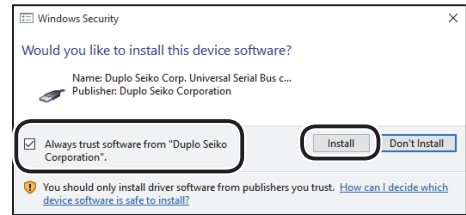
10 Read the **Software License Agreement**. Select **I accept this agreement** and then click **Next**.



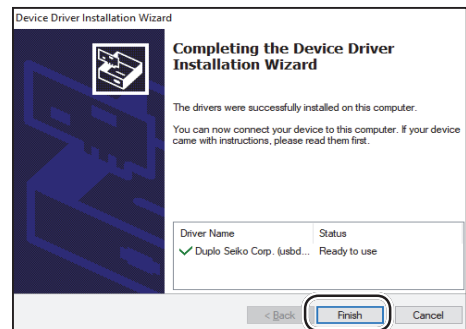
REFERENCE

If the **Windows Security** screen appears while the installation is in progress, select the **Always trust software from Duplo Seiko Corporation**. check box and click **Install** to proceed with the installation.

This software has been thoroughly tested and can be used without any problems.



11 Click **Finish**.
Close the installation file.



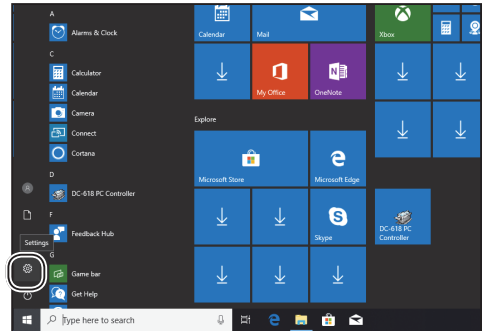
12 Connect the DC-618 and a computer with a USB cable and then turn **ON** the DC-618.

IMPORTANT
USB cable (type AB): The cable length must be 3 m or shorter.

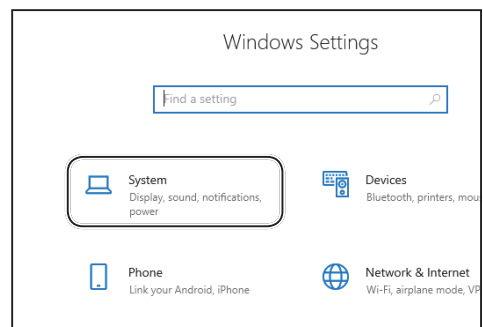
Driver Installation Confirmation

Windows 10

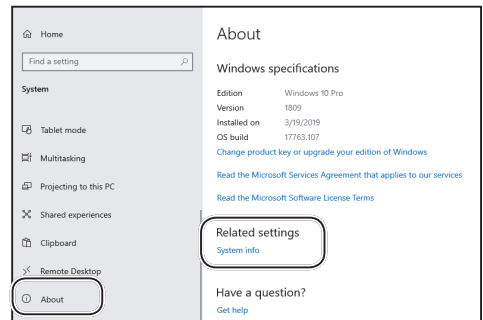
1 Click **Settings** on the start menu.



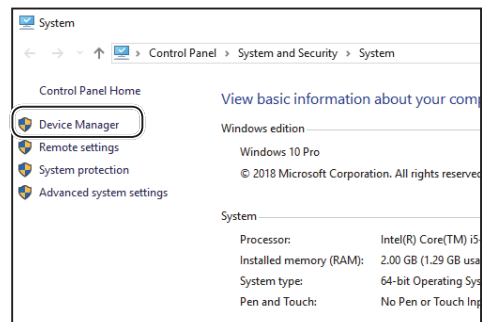
2 Click **System**.



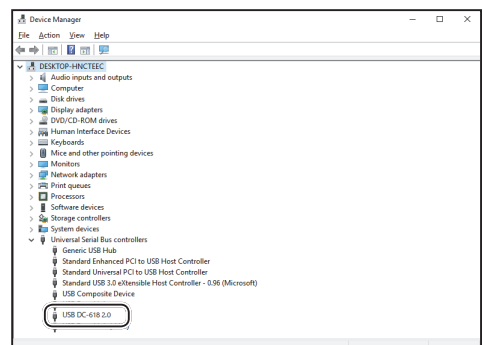
3 Click **About**.
Click **System info** under **Related settings**.



4 Click **Device Manager**.



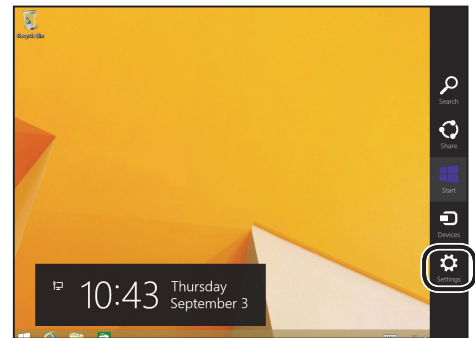
5 The installation is done successfully if the **Device Manager** dialog indicates that **USB DC-618 *.*** is registered in **Universal Serial Bus controllers**.



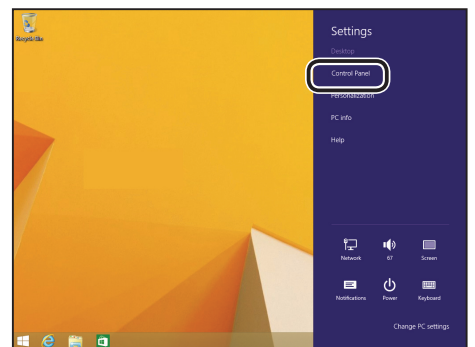
Windows 8.1

1 Display the Control panel.

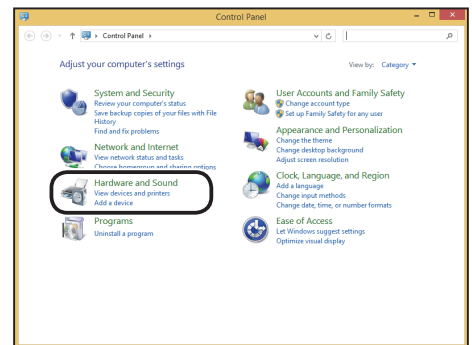
1. Click the **Settings** charm.



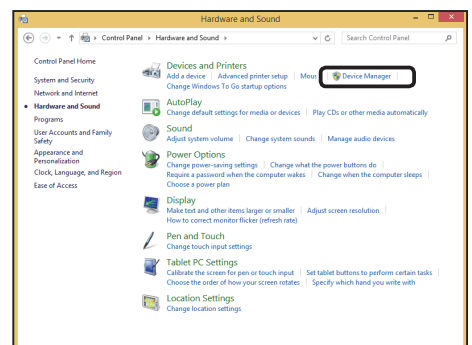
2. Click **Control panel**.



2 Click Hardware and Sound.



3 Click Device Manager.

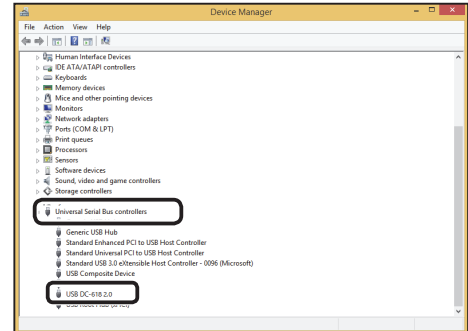


2

Installing the PC Controller

Driver Installation Confirmation

- 4 The installation is done successfully if the **Device Manager** dialog indicates that the **USB DC-618 *.*** is registered in the **Universal Serial Bus controllers**.



Chapter 3

Uninstalling the PC Controller

This chapter describes how to uninstall the PC Controller from a computer.

.....

PC Controller Uninstallation Procedure	16
Windows 10	16
Windows 8.1	17
Driver Uninstallation Procedure	19
Windows 10	19
Windows 8.1	20

.....

PC Controller Uninstallation Procedure

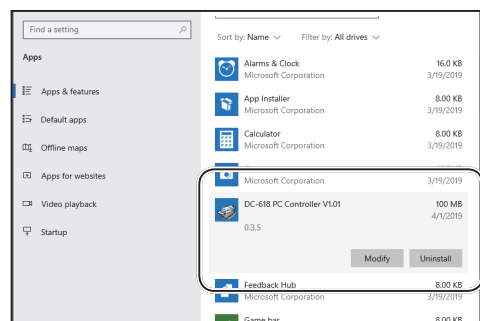
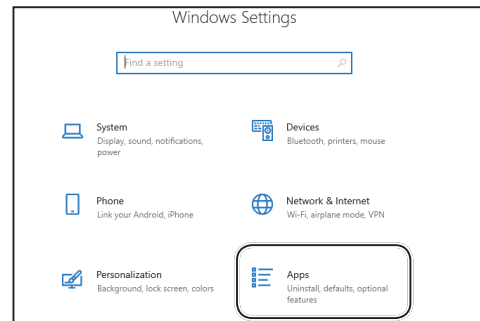
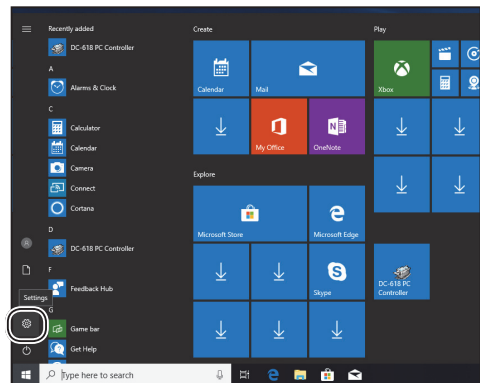
IMPORTANT

- Windows 10 and Windows 8.1 allow multiple users on one computer at the same time. Please make sure that only one user is logged in when uninstalling the PC Controller.
- If **User Account Control** dialog appears during uninstallation of the PC Controller, click **Yes**.

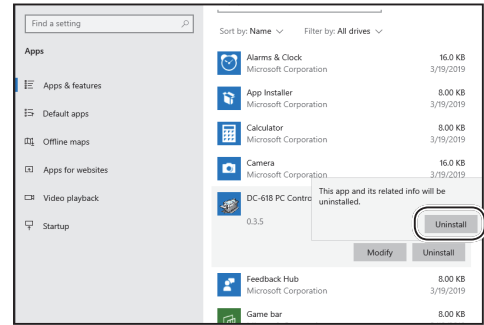
If you are requested to enter a password of an administrator account during uninstallation of the PC Controller, enter a password of a user with the administrative rights shown.

Windows 10

- 1 Make sure that the DC-618 is turned **OFF**. Turn the computer **ON** to start the Windows.
- 2 Click **Settings** on the start menu.
- 3 Click **Apps**.
- 4 Select **DC-618 PC Controller V*. **** from the list of **Apps & features** and click **Uninstall**.



5 Click **Uninstall**.

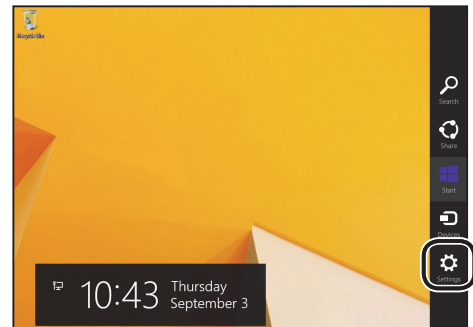


Windows 8.1

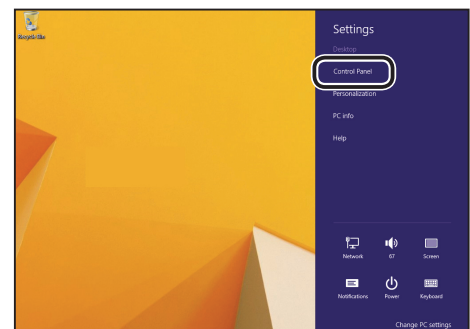
1 Make sure that the DC-618 is turned **OFF**. Turn the computer **ON** to start the Windows.

2 Display the **Control panel**.

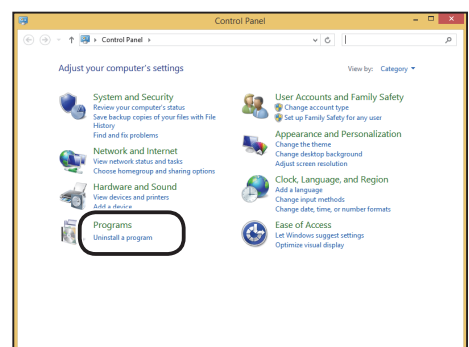
1. Click the **Settings** charm.



2. Click **Control panel**.



3 Click **Uninstall a program** under **Programs**.

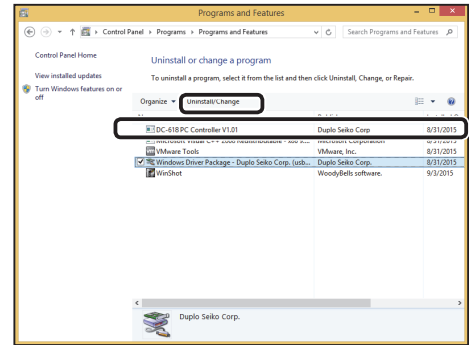


3

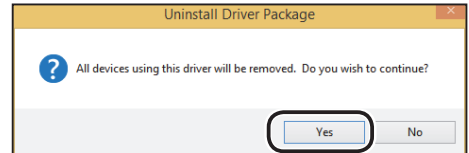
Uninstalling the PC Controller

PC Controller Uninstallation Procedure

- 4 Select **DC-618 PC Controller V* **** from the **Uninstall** or change a program list and click **Uninstall**.



- 5 Click **YES**.



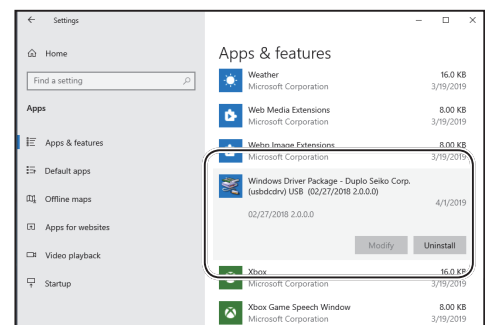
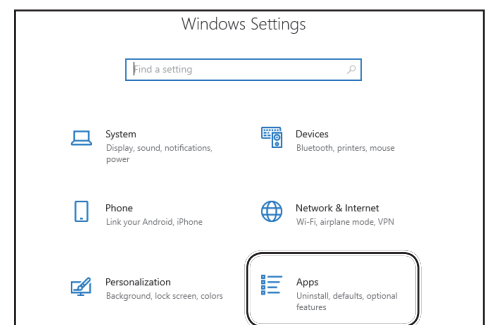
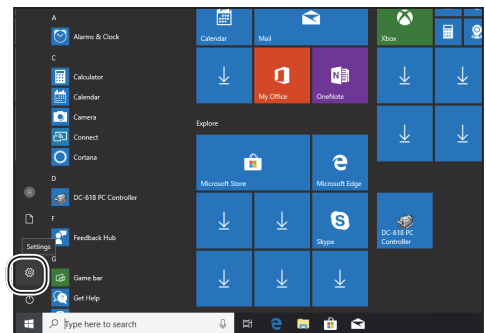
Driver Uninstallation Procedure

IMPORTANT

- Windows 10 and Windows 8.1 allow multiple users on one computer at the same time. Please make sure that only one user is logged in when installing the PC Controller.
- If **User Account Control** dialog appears of the PC Controller, click **Yes**.
If you are requested to enter a password of an administrator account during uninstallation of the PC Controller, enter a password of a user with the administrative rights shown.

Windows 10

- 1 Make sure that the DC-618 is turned **OFF**. Turn the computer **ON** to start the Windows.
- 2 Click **Settings** on the start menu.
- 3 Click **Apps**.
- 4 Select **Windows Driver Package - Duplo Seiko Corp. (usbcdrv) USB** from the list of **Apps & features** and click **Uninstall**.

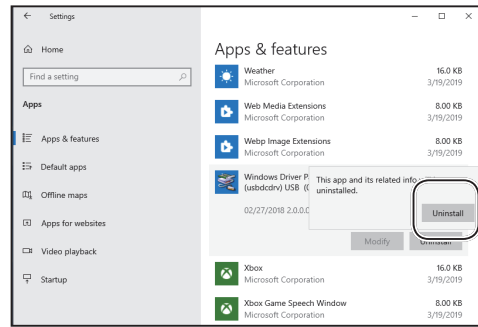


3

Uninstalling the PC Controller

Driver Uninstallation Procedure

5 Click **Uninstall**.

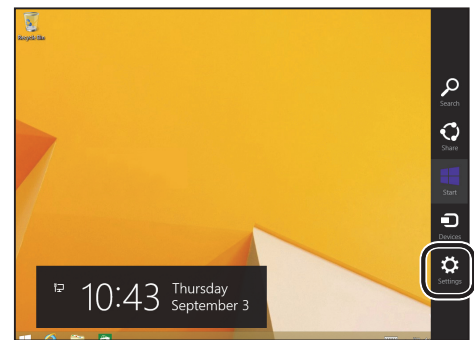


Windows 8.1

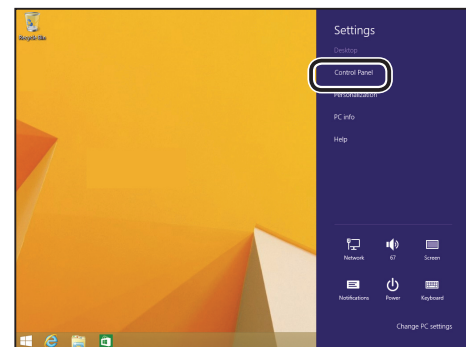
1 Make sure that the DC-618 is turned **OFF**. Turn the computer **ON** to start the Windows.

2 Display the **Control panel**.

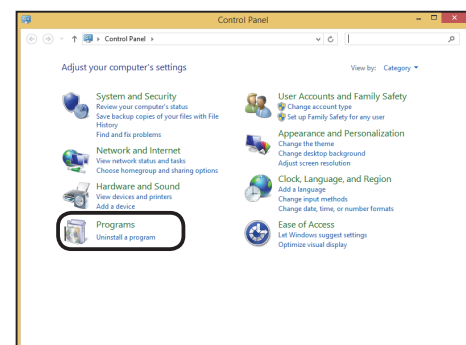
1. Click the **Settings** charm.



2. Click **Control panel**.

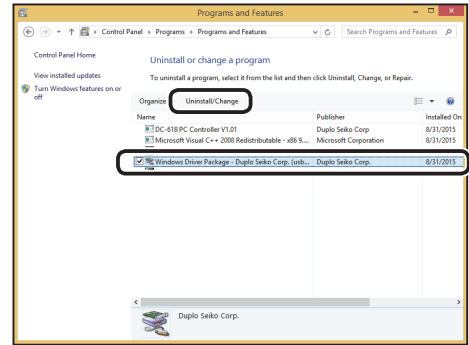


3 Click **Uninstall a program** under **Programs**.

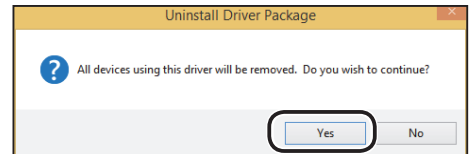


Driver Uninstallation Procedure

- 4 Select **Windows Driver Package -Duplo seiko corp. (usbcdrv) USB** from the **Uninstall or change a program** list, and click **Uninstall/Change**.



- 5 Click **YES**.



3

Uninstalling the PC Controller

Chapter 4

Driver Update

This chapter describes how to update the driver of the PC Controller.

.....
Driver Update 24
.....

Driver Update

- 1** Uninstall the previously installed driver according to the driver uninstallation procedure.
(→P.19 Driver Uninstallation Procedure)
- 2** Install a new driver according to the driver installing procedure.
(→P.9 Driver Installation Procedure)

Chapter 5

PC Controller Setting

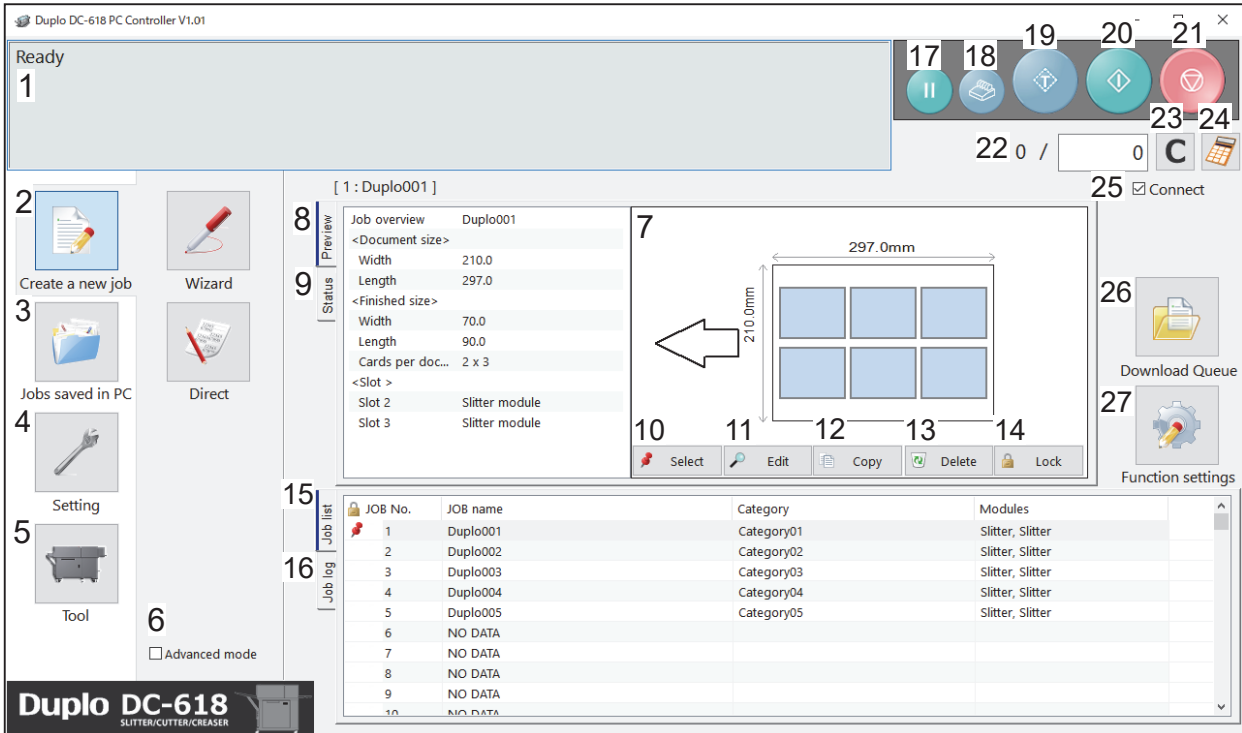
This chapter describes how to setup the PC Controller.

.....	
PC Controller Setting	26
Main Screen	26
Limits of Trail Cutting	28
Programming a JOB	30
Wizard	30
Direct	40
Checking a Saved JOB	56
Job Detail Viewer	56
Open File	58
PDF Template	60
Setting Default Values for a JOB	63
Environment	64
Backing Up and Restoring a JOB	72
Backup	73
Restore	75
Checking a JOB on the Main Screen	76
Job List	76
Job Log	80
Function Settings	81
Feed	81
Process	83
Adjust	86
System	89
.....	

PC Controller Setting

Main Screen

The main screen appears when the PC Controller is launched. Select items on the main screen and make settings for a JOB.

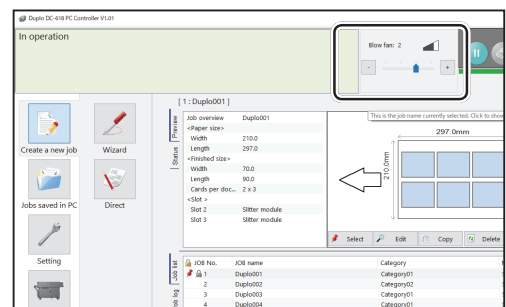


No.	Name	Function
1	System status	Displays the current machine status by letters.
2	Create a new job	Click this and select Wizard or Direct to program a JOB. (→ P.30 Wizard) (→ P.40 Direct)
3	Jobs saved in PC	Opens and displays a JOB saved on a computer. (→ P.56 Checking a Saved JOB)
4	Setting	Make default settings for the PC Controller. The other functions are for a service person use only to set the DC-618, etc. (→ P.63 Setting Default Values for a JOB)
5	Tool	Backs up a JOB saved in the DC-618. Restores backed-up data of a JOB in the DC-618. (→ P.72 Backing Up and Restoring a JOB)
6	Advanced mode	Select this to program a JOB in the advanced mode . Clear this to program a JOB in the simple mode .
7	JOB preview	Displays an overview of a selected JOB. You can change settings for the selected JOB here. (→ P.76 Checking a JOB on the Main Screen)
8	Preview	Displays an overview of a programmed JOB.
9	Status	Displays the current machine status.
10	Select	Select a JOB on the Job list below and then click this to process the selected JOB. (→ P.77 • Select)

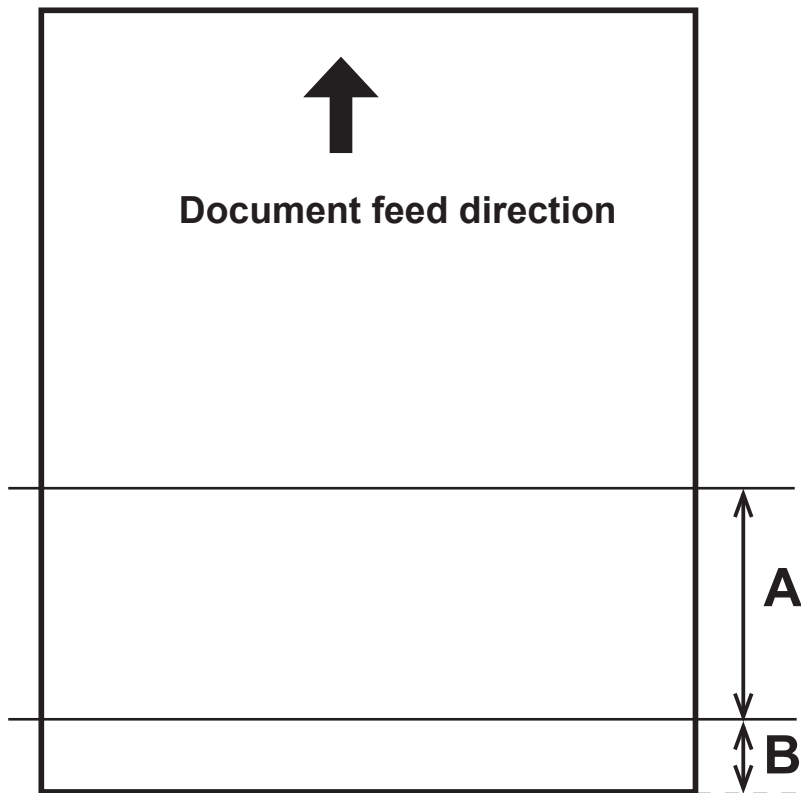
No.	Name	Function
11	Edit	Edit a selected JOB here. (→ P.77 • Edit)
12	Copy	Makes a copy of a selected JOB to a different JOB number. Saves a copy of a JOB as a JOB file on a computer. (→ P.77 • Copy)
13	Delete	Deletes a selected JOB. (→ P.79 • Delete)
14	Lock	Locks /unlocks a selected JOB. (→ P.79 • Lock)
15	Job list	Displays a list of JOBS saved in the DC-618.
16	Job log	Displays JOBS processed with the TEST key or the START key clicked on the PC Controller and saved in the computer as logs. You can save up to 50 of lately processed JOBS. If the number of saved JOBS exceeds 50, they are deleted in chronological order.
17	PAUSE FEEDING key	Processes a JOB in the pause feeding mode . Click this to check how a finished product is made or to temporarily stop the DC-618 processing a JOB.
18	STACKER SETUP key	Stops the card stacker in front of the position to which a finished product is ejected.
19	TEST key	Processes only one sheet of documents for a test run.
20	START key	Processes a selected JOB. Inactive while the machine is in operation or having an error.
21	STOP key	Stops the DC-618 processing a JOB.
22	Preset Count	Presets the number of sheets to be processed for a JOB.
23	Clear	Clears the number of preset count.
24	NUMERIC key	Displays the NUMERIC keys, with which you can enter numerical values instead of using a keyboard.
25	Connect	Select this to control function limit of the control panel on the DC-618. Clear this to control function limit of the PC Controller. REFERENCE When the computer to which the PC Controller is connected is in the sleep mode or the hibernate mode, this is automatically cleared.
26	Download Queue	Saves a JOB that you tried to save while another JOB is being processed. You can download the JOB to the DC-618 from here.
27	Function settings	Displays the Function settings screen, on which you can make or change settings for a JOB. (→ P.81 Function Settings)

REFERENCE

- **In operation** is displayed on the **system status** while a JOB is being processed.
- You can make a setting for the **blow fan** on the boxed part in the figure on the right. For more details, see [Blow fan \(P.36\)](#) or [Blow fan \(P.46\)](#).



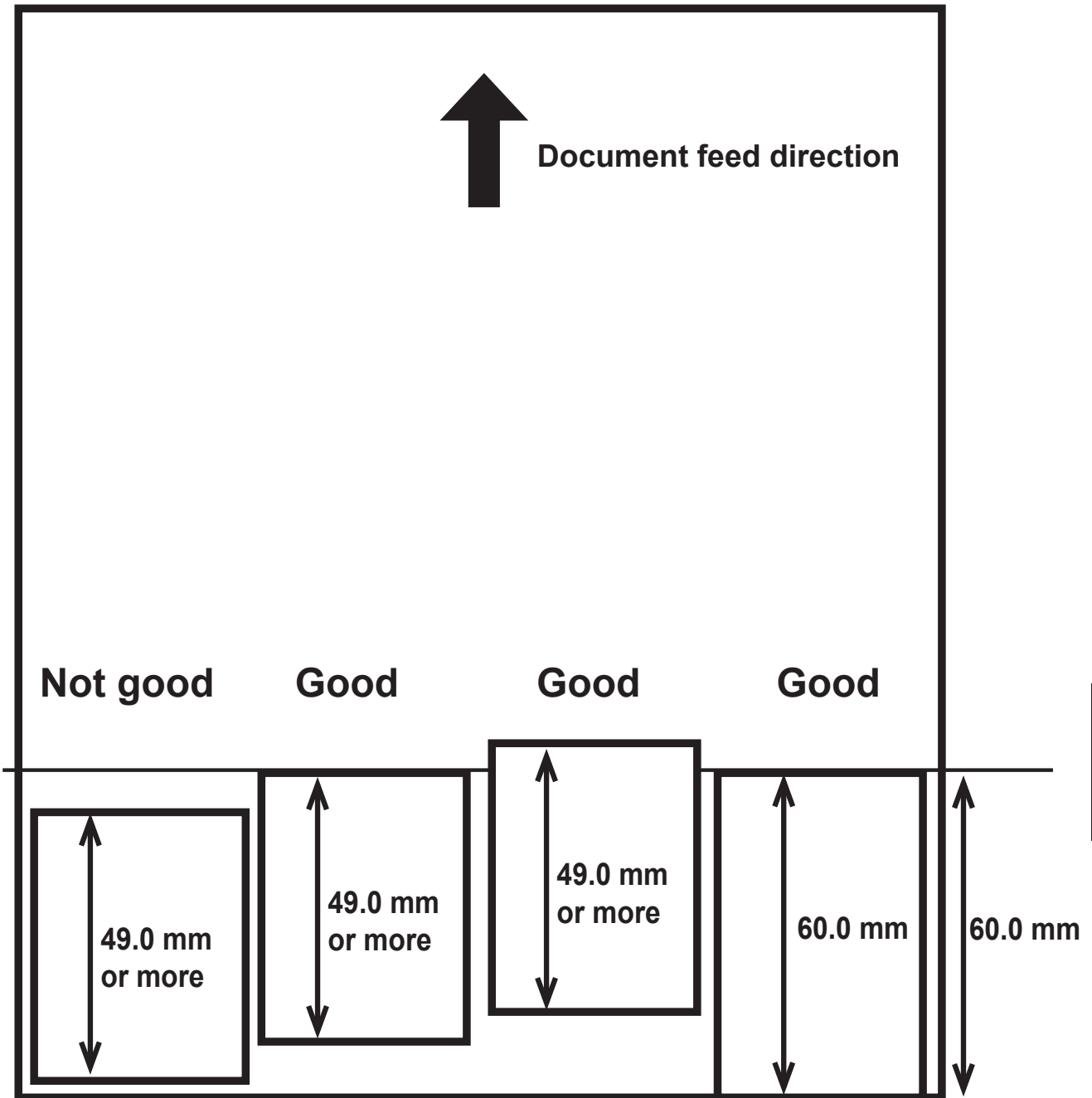
Limits of Trail Cutting



Program a JOB so that a finished product of less than 60.0 mm is not set up within the trail edge of 60.0 mm.

A product of less than 60.0 mm is finely cut because it cannot be processed as a finished product.

- Conditions of **A** above
 - $A \geq 60.0$ Finished product
 - $60.0 > A \geq 49.0$, and $A+B \geq 60.0$ Finished product
 - $60.0 > A \geq 49.0$, and $A+B < 60.0$... Waste
 - $A < 49.0$ Waste
- Conditions of **B** above
 - $B \geq 60.0$ Finished product
 - $B < 60.0$ Waste



Good : Can be processed as a finished product.

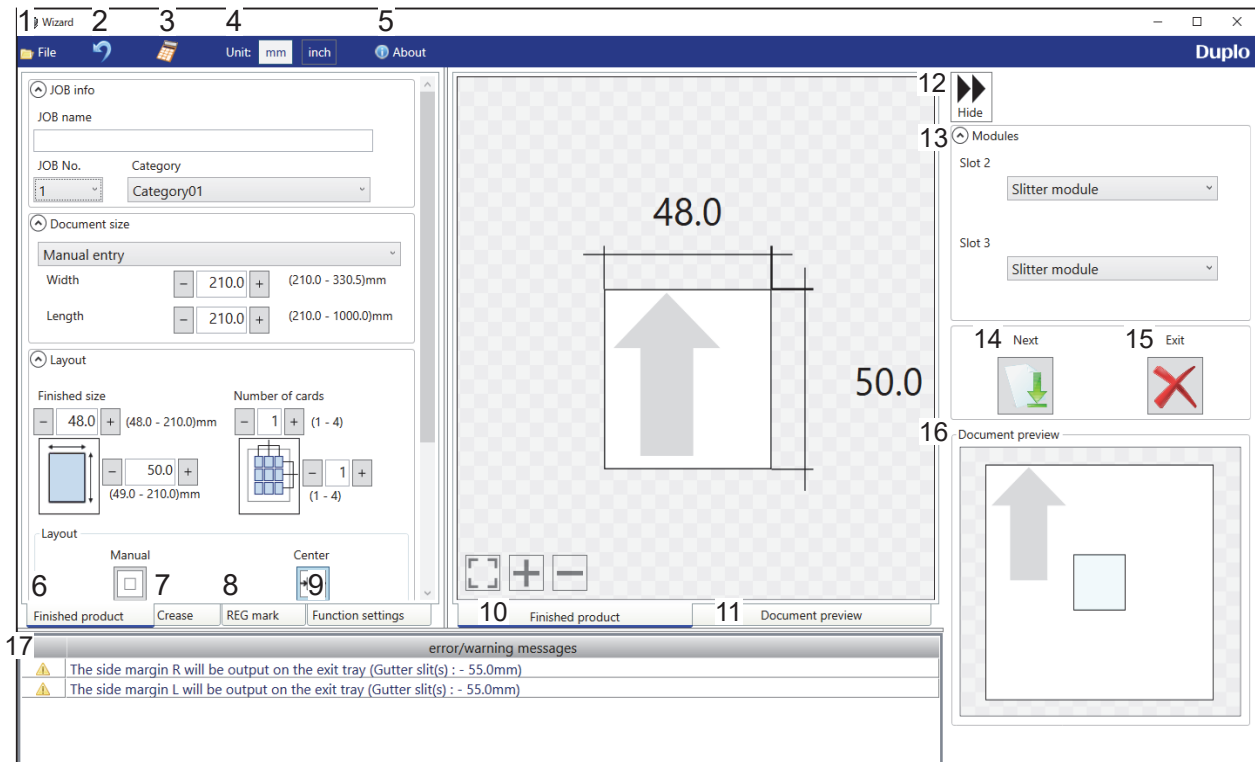
Not good : Cannot be processed as a finished product.

Programming a JOB



The DC-618 can save up to 250 JOBS.

This section describes the procedure for programming a JOB in the **Wizard mode** with a preview of the JOB and in the **Direct mode** on which you directly enter each value.

Wizard

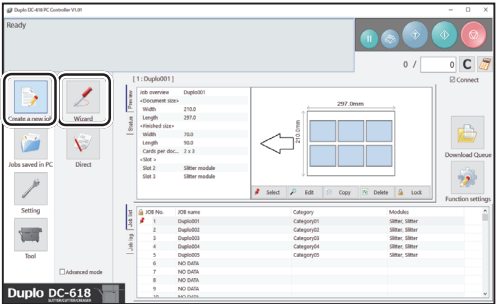


No.	Name	Function
1	File	Displays a menu. You can switch the Wizard screen to the Direct screen or exit the Wizard screen by clicking each item in this.
2	Undo	Returns to the previous setting.
3	NUMERIC key	Displays the NUMERIC keys, with which you can enter numerical values instead of using the keyboard.
4	Unit	Select a unit of values to enter out of mm and inch.
5	About	Displays the trademark and the open source software.
6	Finished product	Make settings for a JOB name, a JOB number, a category, a document size, a finished product size, the number of cards, margins, and gutters. (→P.32)
7	Crease	Specify crease positions on the document in the Standard positions mode or the Non standard positions mode . (→ P.34 Crease)
8	REG mark	Make settings for the REG mark reading function. Appears only when CCD is activated. (→ P.35 REG mark)
9	Function settings	Make settings for each function of a JOB. (→ P.36 Function settings)

No.	Name	Function
10	Finished product	Switches previews of a JOB between Finished product and Document preview .
11	Document preview	
12	Hide	Hides the right part of the Wizard screen and displays a JOB preview in a larger size.
13	Modules	Displays modules installed in slot 2 and slot 3.
14	Next	Switches the Wizard screen to the Direct screen.
15	Exit	Finishes a JOB programming and returns to the main screen.
16	Document preview	Displays a preview of the whole part of a finished product.
17	error/warning messages	Displays a JOB setting that cannot be processed with an error or a warning mark.  indicates that the setting is invalid for a JOB to be programmed.  indicates that the JOB is processed with some irregular way.

Programming a JOB

1 Click **Create a new job** and then **Wizard** on the main screen.

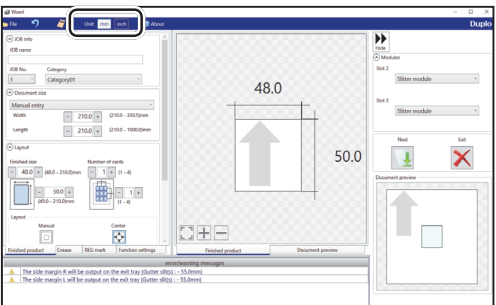


2 **Unit**
Select a unit of values to enter out of **mm** and **inch**.

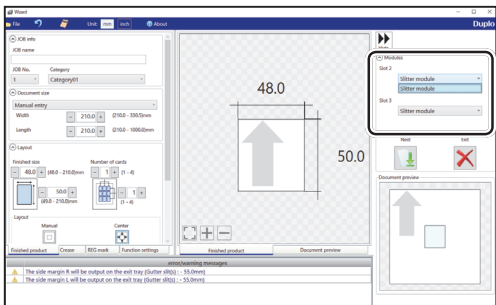
If you select **inch**, values entered in inches are converted to ones in millimeters and displayed.

REFERENCE

- Values entered before a unit is selected are not converted to the other unit. Select either unit and then make settings for the JOB.
- You can enter values to three places of decimals in inches.



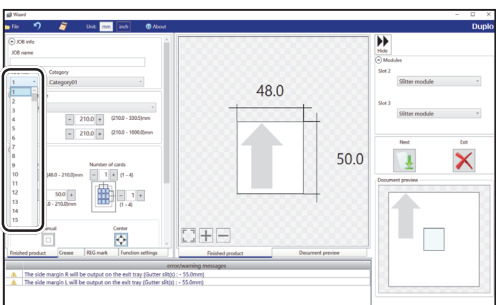
3 **Modules**
Modules installed in slot 2 and slot 3 are displayed.



4 **JOB No.**
Select a JOB number from the **JOB No.** box.

REFERENCE

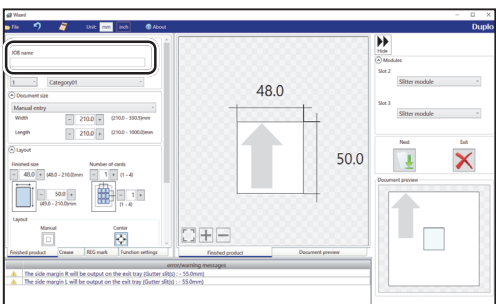
You can set a JOB number of 1 to 250.



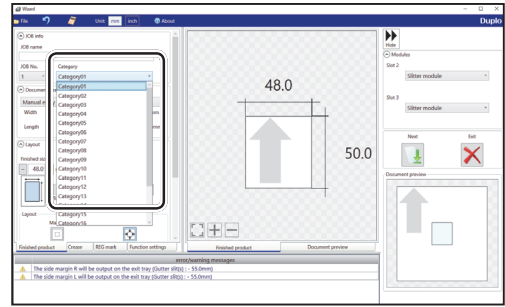
5 **JOB name**
Enter a JOB name.
You can enter up to 50 characters and/or letters.

REFERENCE

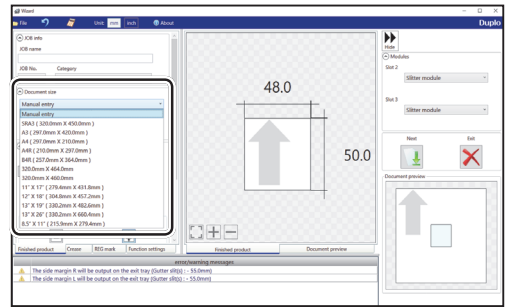
- Usable characters and letters;
 - Alphabetical letters (A to Z, a to z)
 - Numerals
 - Symbols



- 6 Category**
Select a category in which to save the JOB from the **Category** box.

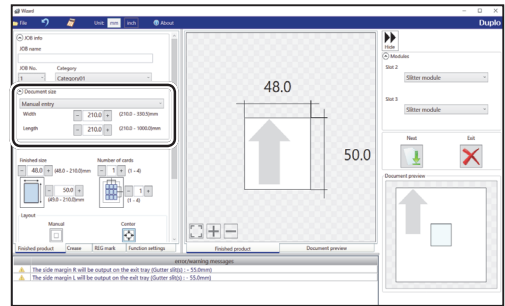


- 7 Document size**
Select the document size from the **Document size** box.

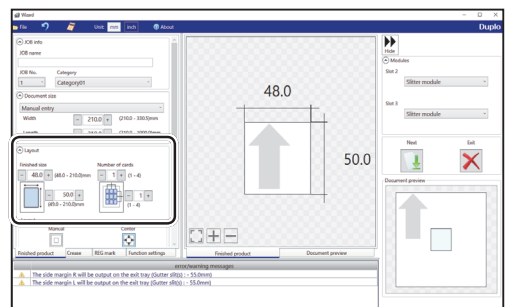


REFERENCE

Select **Manual entry** when processing custom-size documents. Enter the width and the length of the document.



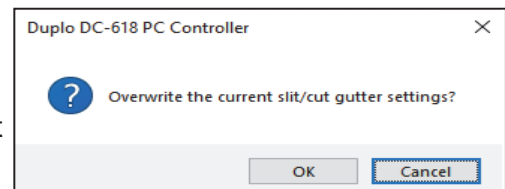
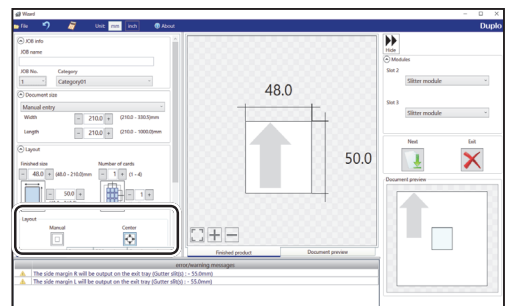
- 8 Layout**
Finished size
Enter the width and the length of the finished product.
Number of cards
Enter the number of the finished products in a horizontal and a vertical direction.



- 9 Layout**
Manual: Enables you to manually enter values to set a layout of the finished product.
Center: Automatically sets a layout of the finished product in the center of the document.
Automatically makes settings for **Lead trim** (the lead margin cut) and **Side trim R** (the right margin slit).

REFERENCE

If you click **Center**, the message as shown on the right appears.
Click **OK**.
Clicking **Cancel** returns to the previous screen without selecting **Center**.



Programming a JOB

10

Gutter

Make settings for **Lead trim** (the lead margin cut), **Side trim R** (the right margin slit), **Gutter slits**, and **Gutter cuts**.

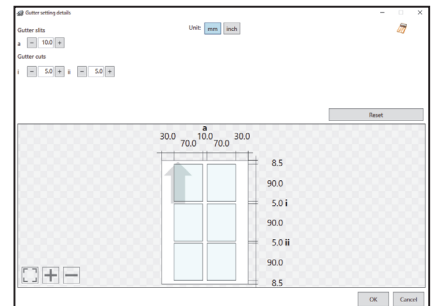
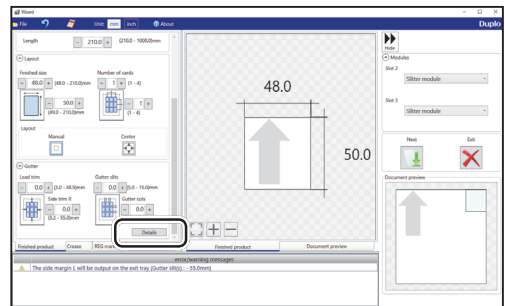
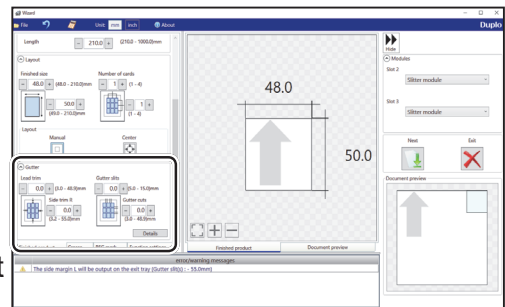
1. Enter values in each box.

REFERENCE

If you have selected **Center** in step 9, you cannot manually enter values for **Lead trim** (the lead margin cut) or **Side trim R** (the right margin slit).

2. Clicking **Details** displays **Gutter setting details** screen, on which you can make settings for the width of gutter slits and gutter cuts. Click **OK** when the setting is completed. The settings are saved and the previous screen reappears.


Clicking **Cancel** returns to the previous screen without saving them.



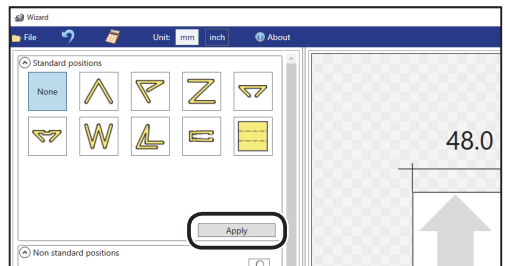
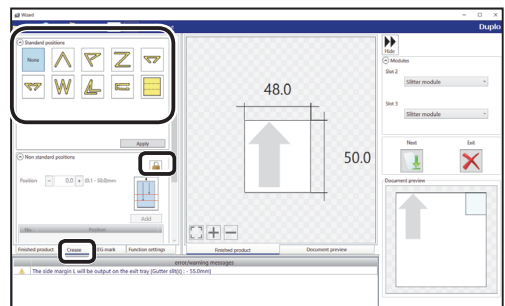
11

Crease

Set crease positions on the document. Click the **Crease** tab.

You can set up to 20 creases on one document. Clicking the  icon switches entry mode between **Standard positions** and **Non standard positions**.

Standard positions: Automatically sets crease positions. Select a fold pattern and adjust values in the **A**, **B**, and **C** boxes. Then click **Apply**.



Non standard positions:

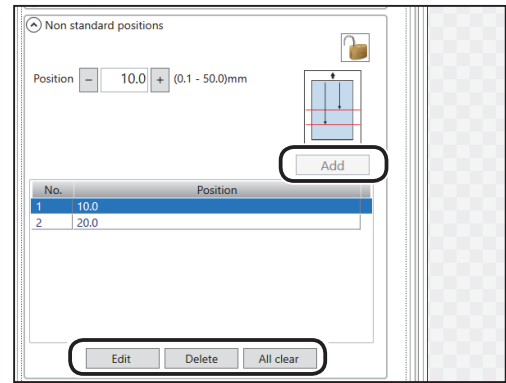
Add: Adds a crease to a designated position. The added crease position is displayed on the list below.

* A crease position is set according to a finished product size.


Edit: Enables you to change a selected crease position on the list.

Delete: Deletes a selected crease position.

All clear: Deletes all of the crease positions on the list.



REFERENCE

If you have entered a value for a crease and click the  icon, the message as shown on the right appears.

Click **Yes** to switch the entry mode to **Standard positions**, which deletes all the entered crease positions in the **Non standard positions**.



12 REG mark

This function senses a REG mark and then reads the image drift and compensates it.

Make settings for the REG mark reading function. Click the **REG mark** tab.

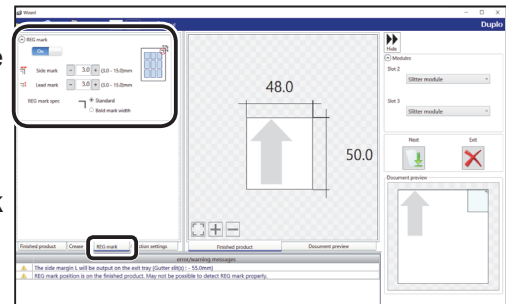
When using this function, select **On** for the **REG mark** box.

Side mark: Enter the distance from the right edge of the document to the side mark in the **Side mark** box.

Lead mark: Enter the distance from the lead edge of the document to the lead mark in the **Lead mark** box.

REG mark spec: Select a type of REG mark (**Standard / Bold mark width**).

Normally select **Standard**.



REFERENCE

Standard: Select this when processing normal documents with a REG mark of standard thickness printed on them.

Bold mark width: Select this when processing specially treated documents (glossy documents). Print a bold REG mark on them in advance and then select **Bold mark width**.

- If it fails to read a REG mark, select **Bold mark width**.
- Select **Off** if you do not use the REG mark reading function.

IMPORTANT

If there is a scratch or a stain in the printing range of a REG mark, the position may not be corrected.

Also when the read side of a document is rough and glossy, the CCD may not be able to read a REG mark and/or a barcode. (The document may diffusely reflect light.)

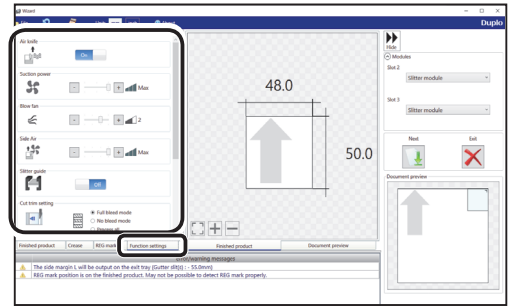
When processing specially treated documents (glossy document), print a bold REG mark on them in advance. Then, select **Bold mark width** for **REG mark spec**.

Programming a JOB

13

Function settings

Make function settings for the JOB.
Click the **Function settings** tab.



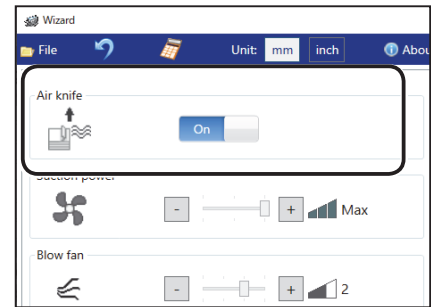
Air knife

Compressed air is blown out from the front to the corner of a document. This prevents a double feed.

To use this function, select **On**. If not, select **Off**.

REFERENCE

Select **Off** when processing light weight documents.



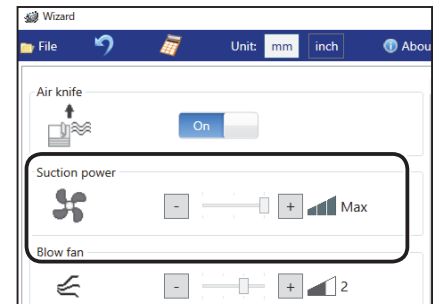
Suction Power

A document is fed by being suctioned to the **conveyance belt**.

Select suction power level out of **Max**, **Mid**, and **Min** by clicking + or -.

REFERENCE

When processing light weight documents, select **MIN** to prevent a document jam.



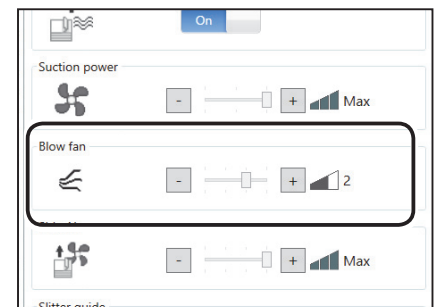
Blow fan

Air is blown out from the lead edge side of a document to loosen the documents when it is fed.

Select air level from **0** to **3** by clicking + or -.

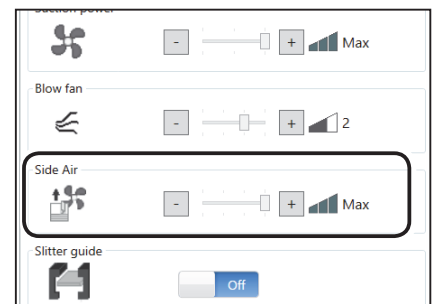
REFERENCE

Set the air level higher if the DC-618 does not feed a document. Set the air level lower if a double feed occurs.



Side Air (option)

This blows air out from the side of documents to loosen them, preventing a double feed. Select air level out of **Max**, **Mid**, **Min**, and **Off**.



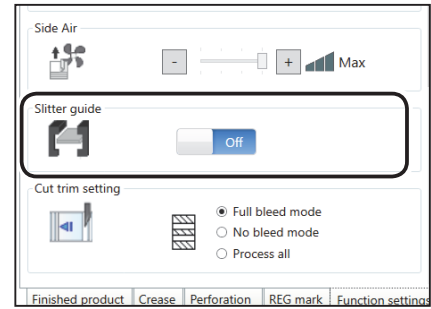
Slitter guide

This function enables you to use the slitters as document guides to stabilize document conveyance when you do not use them to process the JOB.

Select **Off** or **On**.

REFERENCE

It is recommended that you select **On** when processing light weight documents.



Cut trim setting

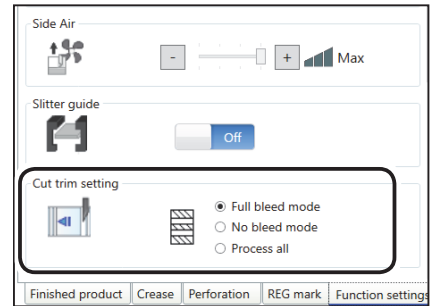
The lead margin, the trail margin, and any gutter cuts are chopped up and dropped into the waste box.

Select **Full bleed mode**, **No bleed mode**, or **Process all**.

Full bleed mode : The lead margin and the trail margin are chopped up and dropped into the waste box. Any other gutter cuts shorter than 49.0 mm in width are also chopped up and dropped into the waste box.

No bleed mode: Gutter cuts shorter than 49.0 mm in width are chopped up and dropped into the waste box.

Process all: All of the cut pieces are ejected to the **exit tray**. Gutter cuts shorter than 30.0 mm in width are chopped up and dropped into the waste box. The trail margin shorter than 60.0 mm are chopped up and dropped into the waste box.



REFERENCE

If the document has no lead margin or trail margin, select **No bleed mode**.

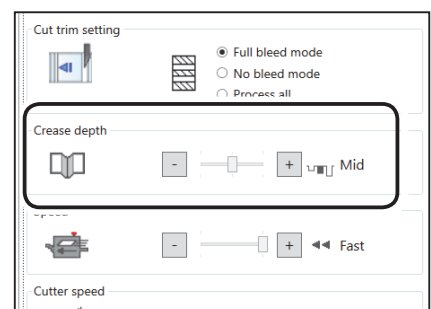
Crease depth

This function sets the depth of a crease when a document is creased.

Select **Max**, **Mid**, or **Min** by clicking **+** or **-**.

REFERENCE

Select **Max** when processing heavy weight documents and **Min** when processing light weight documents.

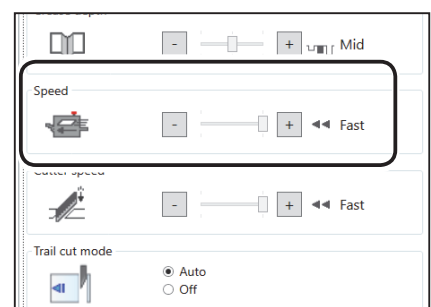


Speed

Select processing speed out of **Fast** and **Slow** by clicking **+** or **-**.

REFERENCE

- Selecting **Slow** improves finishing accuracy.
- If it cannot obtain finishing accuracy because of roller slip due to slippery documents (UV coated documents and so on), select **Slow**.



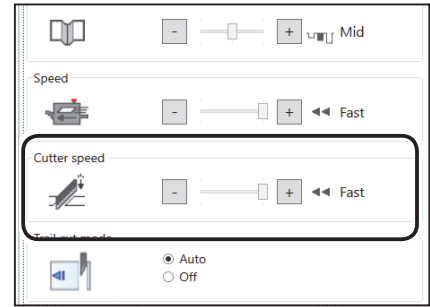
Programming a JOB

Cutter speed

Select speed of cutting a document out of **Fast** and **Slow** by clicking + or -.

REFERENCE

If it fails to cut the document with **Fast**, select **Slow**.



Trail cut mode

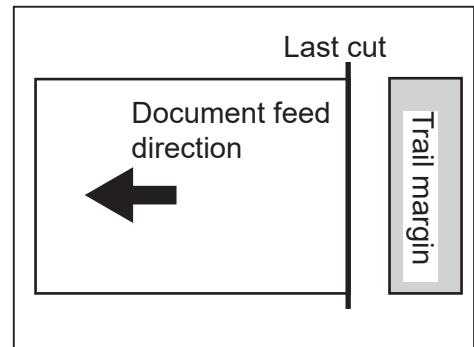
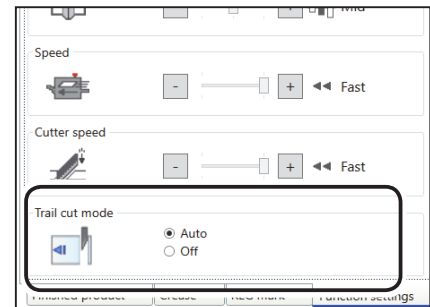
This function sets whether dummy cut for the trail margin is processed or not.

Select **Auto** (automatic) or **Off**.

Auto: Performs dummy cut for the trail margin one time.

REFERENCE

- Dummy cut: The DC-618 performs cutting operation without a document to be cut at the position where the document is fed for the distance of the trail margin plus extra length. This is effective for dropping a document, such as when the trail margin is jammed between the roller and the lower tool in the cutter section.
- Trail margin: Means a margin of the trail edge of a document produced when the last cut is processed.



14

Preview

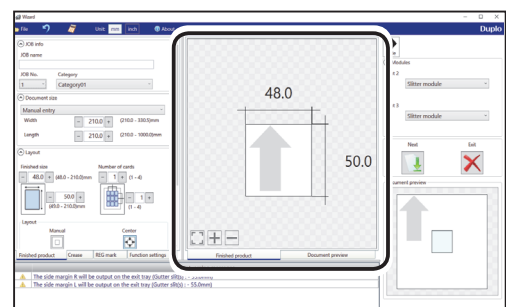
Clicking the tabs switches JOB previews between **Finished product** and **Document preview**.

Clicking the buttons on the lower left part of the preview screen zooms up or zooms out the JOB preview.

Adjusts a position and a size of the JOB preview according to the screen.

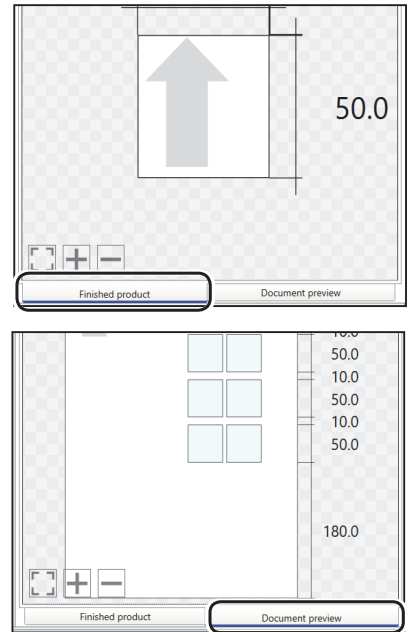
Zooms up the JOB preview.

Zooms out the JOB preview.

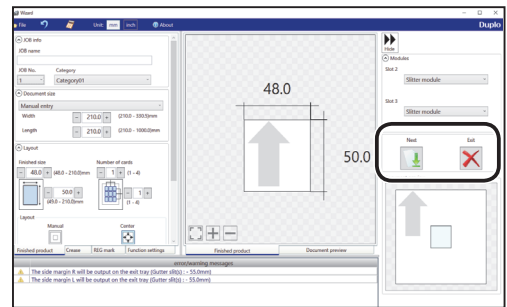


REFERENCE

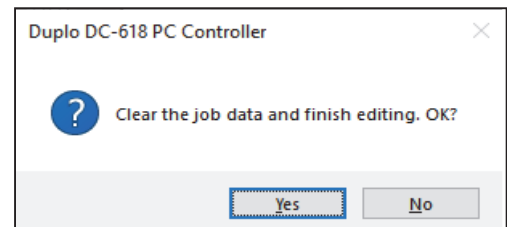
- Scrolling a mouse wheel on the JOB preview or pinch gestures on the touch panel zooms up/out the JOB preview.
- Dragging the document image on the JOB preview scrolls it.
- Right-clicking the preview screen adjusts a position of and zooms up/out the JOB preview according to the preview screen size.



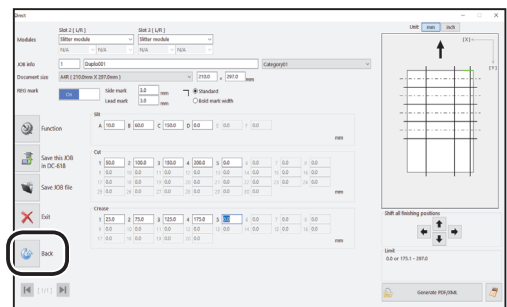
15 Set all the settings and click **Next**.



If you click **Exit**, the message as shown on the right appears.
Click **Yes** to finish the JOB setting without saving the entered values.
To continue the setting, click **No**.



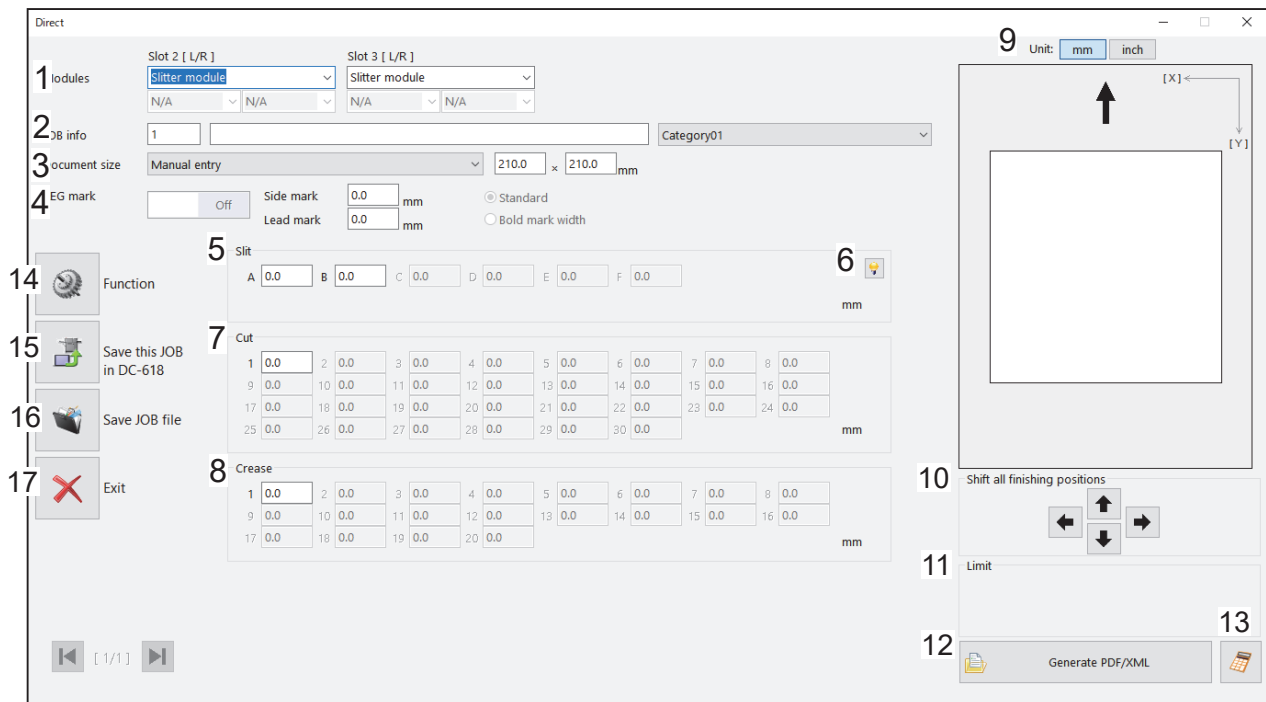
16 Check the details of the JOB.
To change the settings, click the text box of the item to change and re-enter a value for it.
For more details, follow step 2 and the subsequent steps in [Direct \(P.40\)](#).
Clicking **Back** returns to the **Wizard** screen.



17 For the procedure for saving the JOB in the DC-618, see [Saving a JOB in the DC-618 \(P.48\)](#).

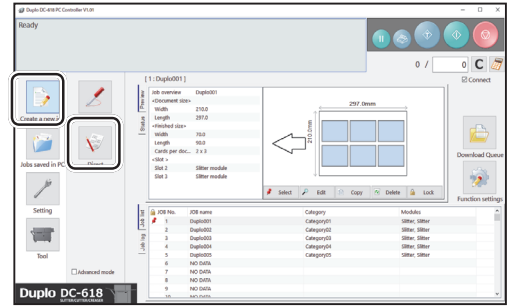
For the procedure for saving the JOB on a computer, see [Saving a JOB on a computer \(P.49\)](#).

Direct

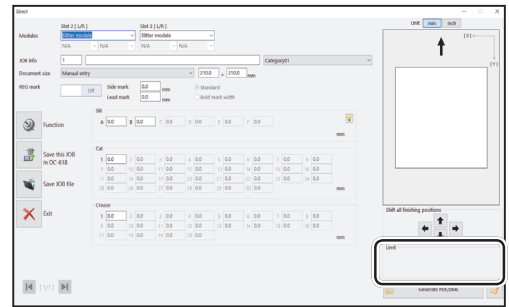


No.	Name	Function
1	Modules	Displays modules installed in slot 2 and slot 3.
2	JOB info	Enter a JOB number, a JOB name, and a category name.
3	Document size	Select a document size.
4	REG mark	Set a position and a width of a REG mark (a side mark and a lead mark). Appears only when CCD is activated.
5	Slit	Set slit positions.
6	Hint button	Displays the Setting procedure screen, which you can use as reference for setting slit positions. Appears only when the Advanced mode check box is selected.
7	Cut	Set cut positions.
8	Crease	Set crease positions.
9	Select Unit	Select a unit of values to enter out of mm and inch.
10	Shift all finishing positions	Fine-adjust finishing positions of the JOB by clicking the arrows if necessary.
11	Limit	Displays the limit of a value to enter.
12	Generate PDF/XML	Saves a JOB as a PDF template or an XML file. (→ P.50 • Saving a JOB as a PDF template or an XML file.)
13	NUMERIC key	Displays the NUMERIC keys, with which you can enter values instead of using the keyboard.
14	Function	Displays the Function screen on which to make function settings for a JOB. (→ P.44 • Function settings for a JOB)
15	Save this JOB in DC-618	Saves a programmed JOB or a JOB saved on a computer to the DC-618. (→ P.48 • Saving a JOB in the DC-618)
16	Save JOB file	Saves a programmed JOB on a computer. (→ P.49 • Saving a JOB on a computer)
17	Exit	Finishes a JOB programming and returns to the main screen.


- 1 Click **Create a new job** and then **Direct** on the main screen.

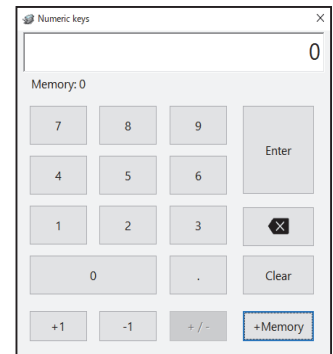


- 2 The **Direct** screen appears. The value limit appears on the lower right side of the screen. Refer to it when programming a JOB.



REFERENCE

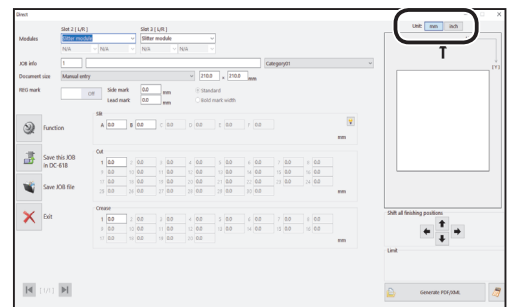
Clicking the  icon displays the NUMERIC keys, with which you can enter numerical values instead of using a keyboard.



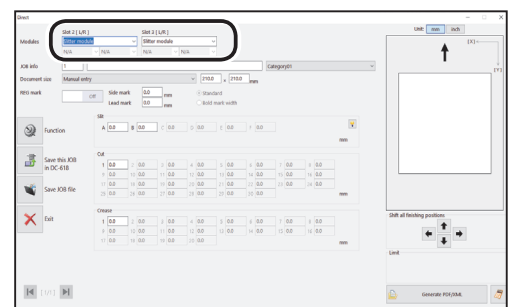
- 3 **Select Unit**
Select a unit of values to enter out of **mm** and **inch**. If you select **inch**, values entered in inches are converted to ones in mm and displayed.

REFERENCE

Values that you entered before selecting the unit are not converted to the other unit. Select either unit and then make settings for the JOB.



- 4 **Modules**
Modules installed in slot 2 and slot 3 are displayed.

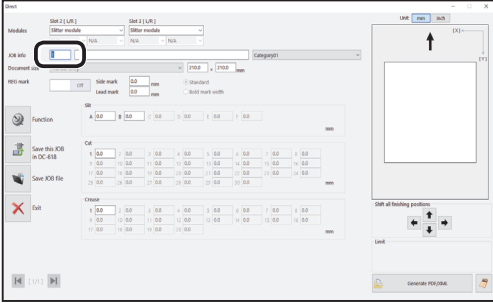


Programming a JOB

5 JOB No.
Enter a JOB number in the **JOB No.** box.

REFERENCE

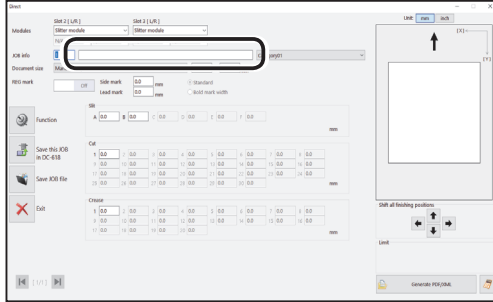
You can set a JOB number of 1 to 250.



6 JOB name
Enter a JOB name in the **JOB name** box.
You can enter up to 50 characters and/or letters.

REFERENCE

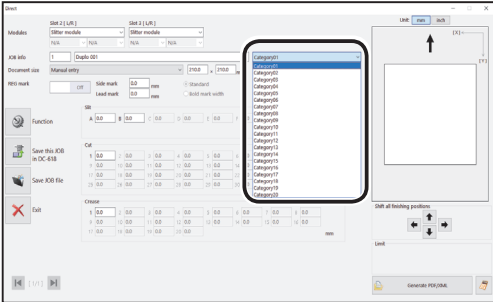
Usable characters and letters;
Alphabetical letters (A to Z, a to z)
Numerals
Symbols



7 Category
Select a category in which to save the JOB from the **Category** box.

REFERENCE

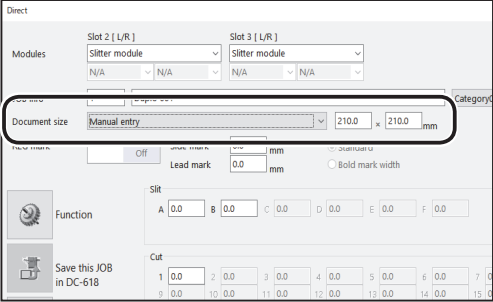
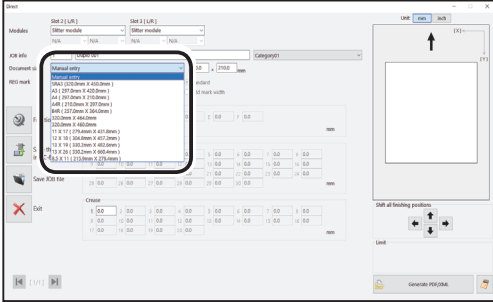
You can set up to 20 categories.



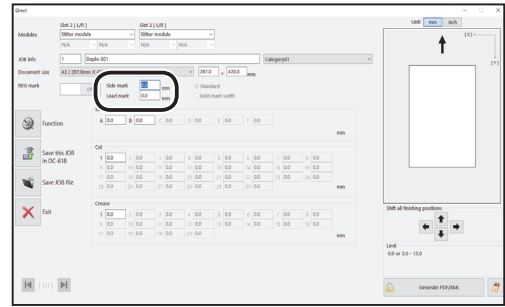
8 Document size (Standard size)
Select the document size from the **Document size** box.

REFERENCE

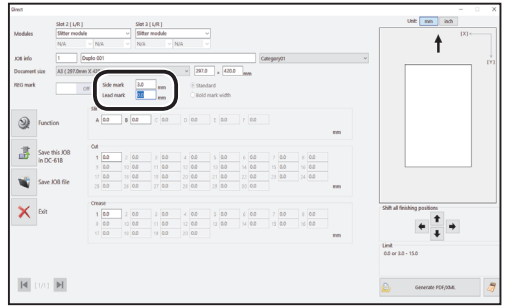
To process custom-size documents, select **Manual entry** and enter the length and the width of the document in the two boxes on the right.



9 Side mark
 Enter the distance from the right edge of the document to the side mark in the **Side mark** box. Enter **0** if you do not use the REG mark reading function.



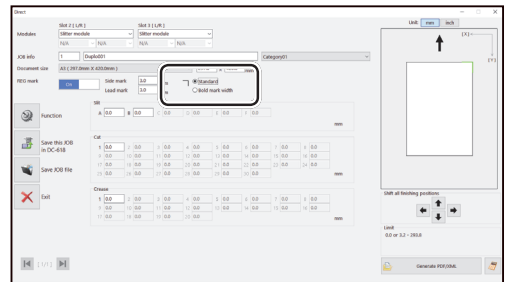
10 Lead mark
 Enter the distance from the lead edge of the document to the lead mark in the **Lead mark** box. Enter **0** if you do not use the REG mark reading function.



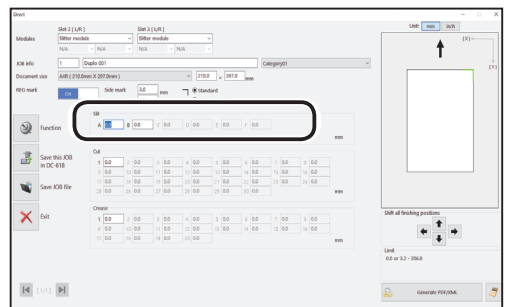
REFERENCE

When having entered values in the **Side mark** box and the **Lead mark** box, make sure that **On** is selected in the box on the right.

11 REG mark spec
 Select and click **Standard** or **Bold mark width**. (This is available only when you have entered values for **Side mark** and **Lead mark** in steps 9 and 10.)

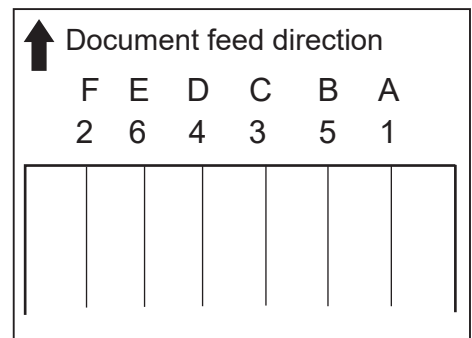


12 Slit
 If you have selected the **advanced mode**, numerals of **1** to **6** appear under **Slit**. If you have selected the **simple mode**, alphabetical letters of **A** to **F** appear there. Click each **Slit** box and enter the distance from the right edge of the document to the slit position. Press the Enter key to set the value. Entering **0** finishes the settings for **Slit**.



REFERENCE

Slit position setting order
Simple mode : Sets slits in alphabetical order of **SlitA** to **SlitF**.
Advanced mode : Sets slits in numerical order as shown in the figure on the right.



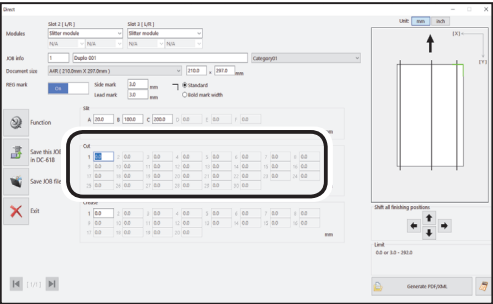
Programming a JOB

13

Cut
Click each **Cut** box and enter the distance from the lead edge of the document to the cut position. Entering **0** finishes the settings for **Cut**.

REFERENCE

You can set up to 30 cuts.

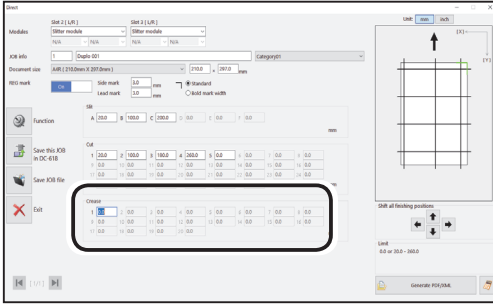


14

Crease
Click each **Crease** box and enter the distance from the lead edge of the document to the crease position. Entering **0** finishes the settings for **Crease**.

REFERENCE

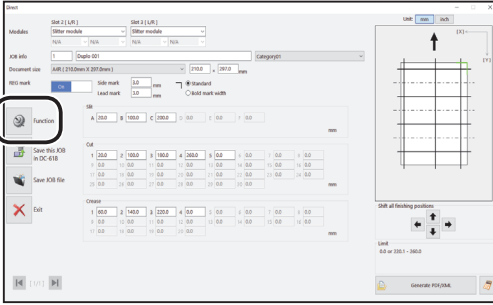
You can set up to 20 creases.



- Function settings for a JOB

1

Click **Function** on the **Direct** screen.



2

The **Function** screen appears.

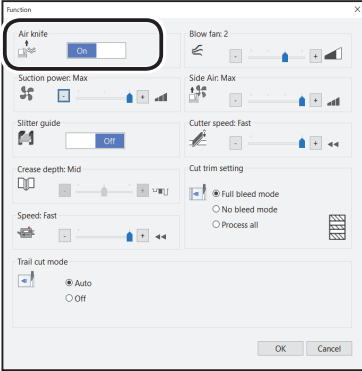
Air knife

Compressed air is blown out from the front to the corner of the document. This prevents a double feed.

To use this function, select **On**. If not, select **Off**.

REFERENCE

Select **Off** when processing light weight documents.



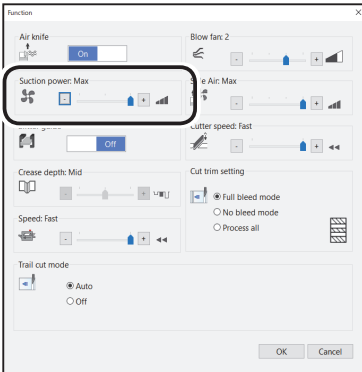
Suction power

A document is fed by being suctioned to the conveyance belt.

Select suction power level out of **Max**, **Mid**, and **Min** by clicking **+** or **-**.

REFERENCE

Select **Min** when processing light weight documents to prevent document jams.



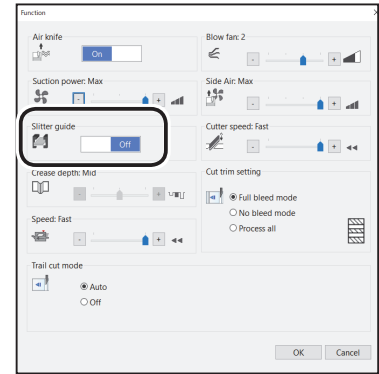
Slitter guide

This function enables you to use the slitters as document guides to stabilize document conveyance when you do not use them to process the JOB.

Select **On** or **Off**.

REFERENCE

It is recommended that you select **On** when processing light weight documents.



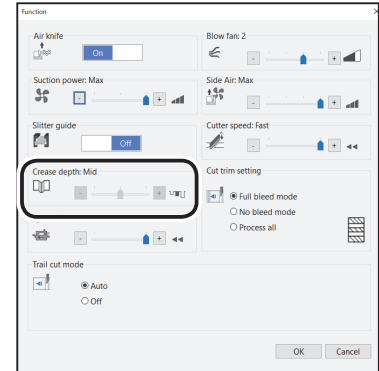
Crease depth

This sets the depth of a crease when a document is creased.

Select a crease depth out of **Max**, **Mid**, and **Min** by clicking + or -.

REFERENCE

Select **Max** when processing heavy weight documents and **Min** when processing light weight documents.

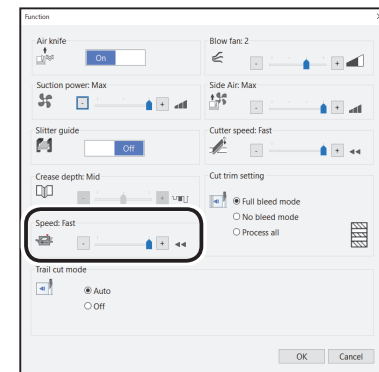


Speed

Select processing speed out of **Fast** and **Slow** by clicking + or -.

REFERENCE

- If it cannot obtain finishing accuracy because of roller slip due to slippery documents (UV coated documents and so on), select **Slow**.
- Selecting **Slow** improves finishing accuracy.

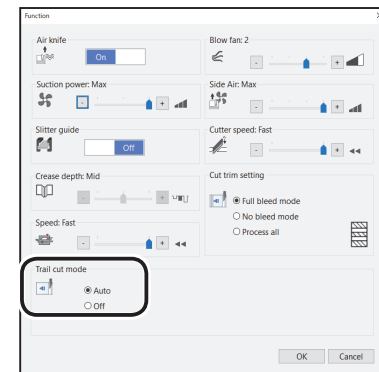


Trail cut mode

This sets whether dummy cut for the trail margin is processed or not.

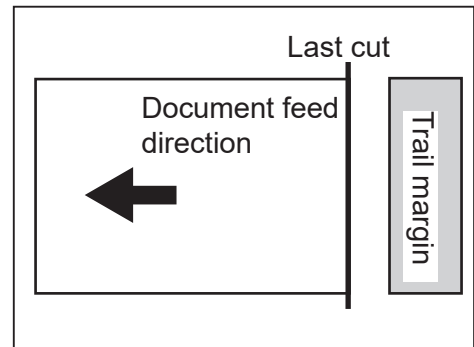
Select **Auto** (automatic) or **Off**.

Auto: Performs dummy cut for the trail margin one time.



REFERENCE

- **Dummy cut:** The DC-618 performs cutting operation without a document to be cut at the position where the document is fed for the distance of the trail margin plus extra length. This is effective for dropping a document, such as when the trail margin is jammed between the roller and the lower tool in the cutter section.
- **Trail margin:** Means a margin of the trail edge of a document produced when the last cut is processed.



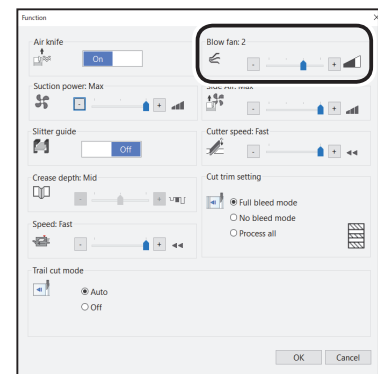
Blow fan

Air is blown out from the lead edge side of a document to loosen the documents when it is fed.

Select air level from **0** to **3** by clicking **+** or **-**.

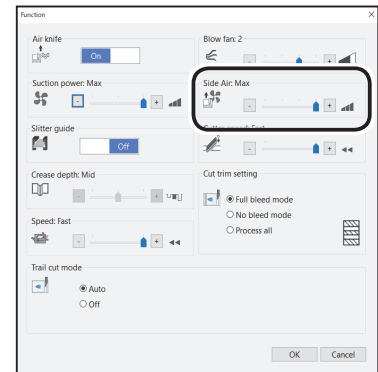
REFERENCE

Set the air level higher if the DC-618 does not feed a document. Set the air level lower if a double feed occurs.



Side Air (option)

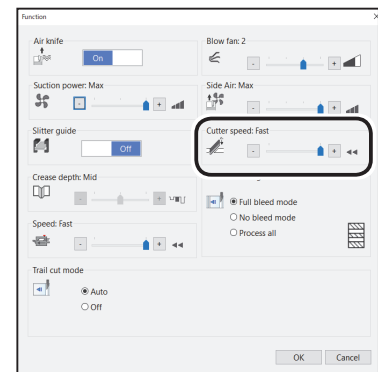
This blows air out from the side of documents to loosen them, preventing a double feed. Select air level out of **Max**, **Mid**, **Min**, and **Off**.



Cutter speed

Select speed of cutting a document out of **Fast** and **Slow** by clicking **+** or **-**.

If it fails to cut the document at high speed, select **Slow**.

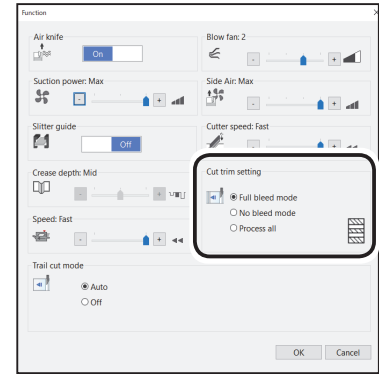


Cut trim setting

The lead margin, the trail margin, and any gutter cuts are chopped up and dropped into the waste box.

Select **Full bleed mode**, **No bleed mode**, or **Process all**.

Full bleed mode : The lead margin and the trail margin are chopped up and dropped into the waste box. Any other gutter cuts shorter than 49.0 mm in width are also chopped up and dropped into the waste box.



No bleed mode: Gutter cuts shorter than 49.0 mm in width are chopped up and dropped into the waste box.

Process all: All of the cut pieces are ejected to the **exit tray**. Gutter cuts shorter than 30.0 mm in width are chopped up and dropped into the waste box. The trail margin shorter than 60.0 mm are chopped up and dropped into the waste box.

REFERENCE

If the document has no lead margin or trail margin, select **No bleed mode**.

3





Check the settings for the **Function** and click **OK**. Clicking **Cancel** returns to the **Direct** screen without changing the settings.

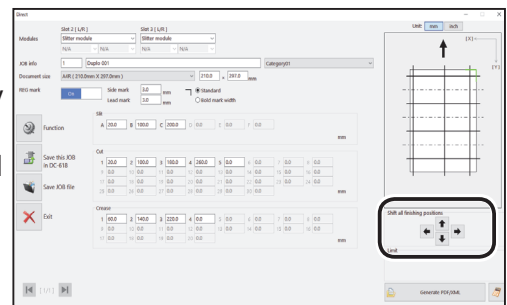


REFERENCE

Shift all finishing positions

You can fine-adjust setting positions of the JOB.

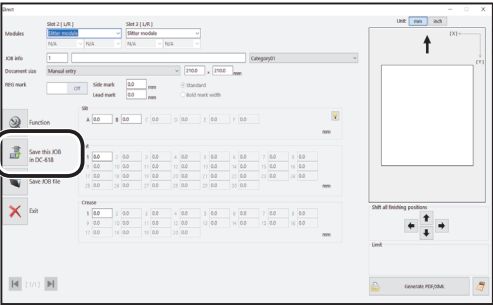
-  : Each click on this moves the positions upward by 0.1 mm.
-  : Each click on this moves the positions downward by 0.1 mm.
-  : Each click on this moves the positions to the left by 0.1 mm.
-  : Each click on this move the positions to the right by 0.1 mm.



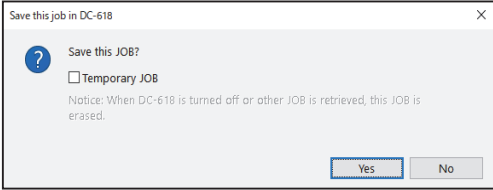
Programming a JOB

- Saving a JOB in the DC-618

1 Click **Save this JOB in DC-618** on the **Direct** screen.



2 The message as shown on the right appears. Click **Yes** to save the JOB in the DC-618.



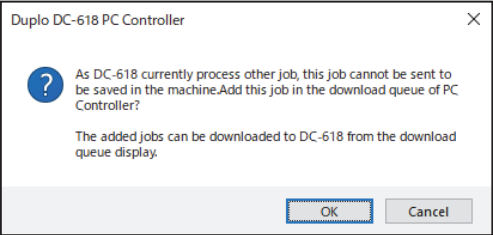
Clicking **No** returns to the previous screen without saving it.

REFERENCE

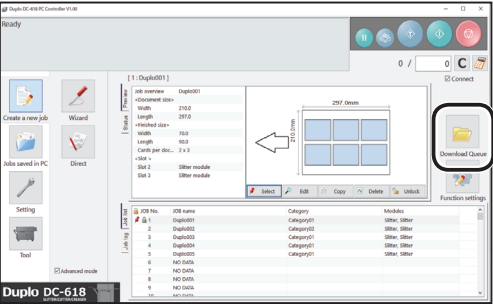
- To save the JOB temporarily, select the **Temporary JOB** check box.
- If the DC-618 is turned **OFF** or another JOB is selected, the JOB temporarily saved is deleted.

REFERENCE

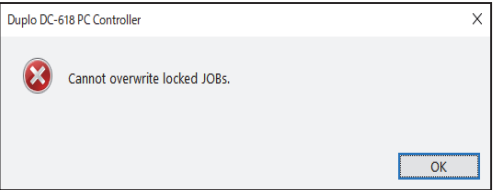
- If you save a JOB while the DC-618 is operating, the message as shown on the right appears. Clicking **OK** saves the JOB in **Download Queue**. Clicking **Cancel** returns to the previous screen without saving it.



For the procedure for **Download Queue**, follow the steps in [Job Detail Viewer \(P.56\)](#).

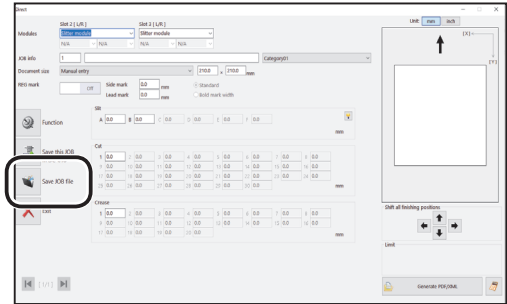


- If you try to overwrite a locked JOB, the message as shown on the right appears. Click **OK**.
(→ P.79 • Lock)

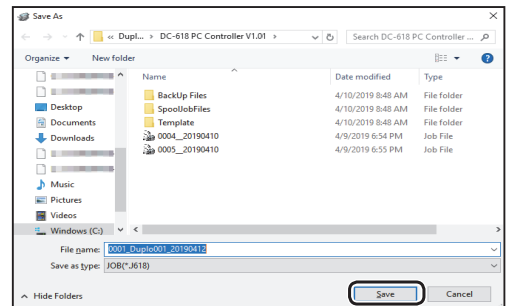


- Saving a JOB on a computer
- Saving a JOB as a file on a computer

1 Click **Save JOB file** on the **Direct** screen.

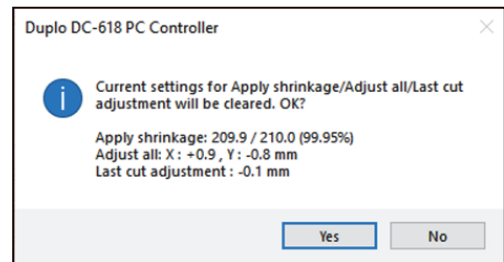


2 Specify a file as which to save the JOB and click **Save**.



REFERENCE

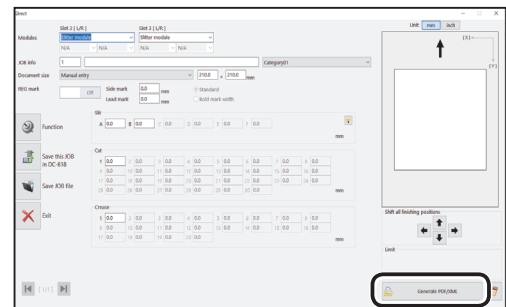
If you click **Save this JOB** in DC-618 or **Save JOB file** while the settings for **Apply shrinkage**, **Adjust all**, or **Last cut adjustment** are adjusted and saved, the message as shown on the right appears. Check the details of **Apply shrinkage**, **Adjust all**, and **Last cut adjustment**. Click **Yes** to clear the settings. Click **No** not to clear the settings.



Programming a JOB

- Saving a JOB as a PDF template or an XML file.

1 Click **Generate PDF/XML**.



2 The screen as shown below appears. Make settings for each item.

Generate PDF/XML

1 Save JOB file

2 Save PDF Template file

3 Save XML file

4 Front and Back

5 JOB info

6 Crop marks All tools Bleed only

7 DC-618 Barcode Standard size Large size

8 Barcode readable area

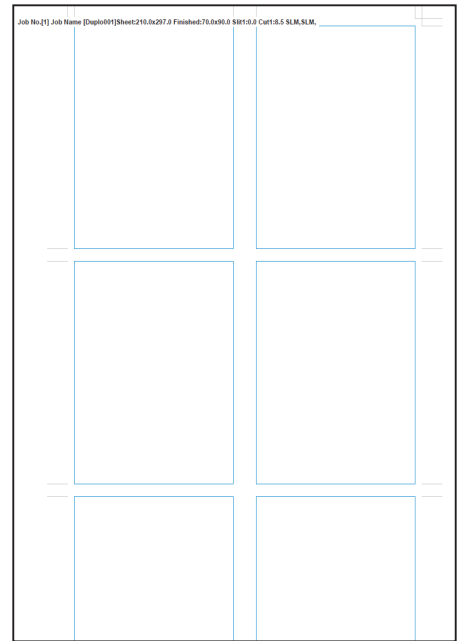
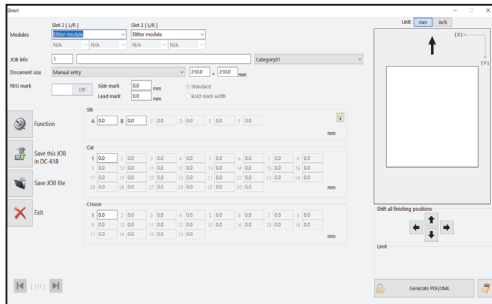
Direct mode JOB file option

9 Convert to a PDF template with cut block impositions

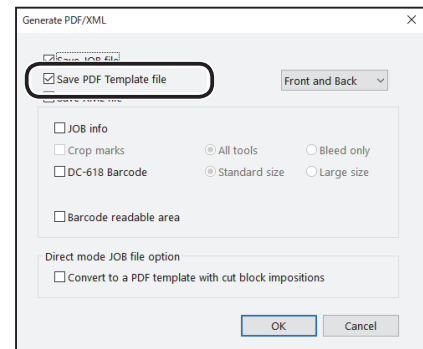
OK
Cancel

No.	Name	Function
1	Save JOB file	Saves JOB data on a computer. For more details, follow step 2 in Saving a JOB as a file on a computer (P.49) .
2	Save PDF Template file	Converts JOB data to a PDF file and saves it as a PDF template.
3	Save XML file	Converts JOB data to an XML file and saves it.
4	PDF page	Select Front page only , Back page only , or Front and Back .
5	JOB info	Allocates a JOB name on a PDF template.
6	Crop marks	Creates crop marks on a PDF template. All tools: Creates crop marks and tool marks. Bleed only: Creates crop marks only.
7	DC-618 Barcode	Creates a barcode on a PDF template. Standard size: Creates a standard size barcode. Large size: Creates a barcode that is 1.5 times the size of the standard size.
8	Barcode readable area	Enables you to affix your original barcode on a PDF template.
9	Convert to a PDF template with cut block impositions	Converts a JOB programmed in the Direct mode to a PDF template with cut block impositions in the same size as one programmed in the Wizard mode and then saves it.

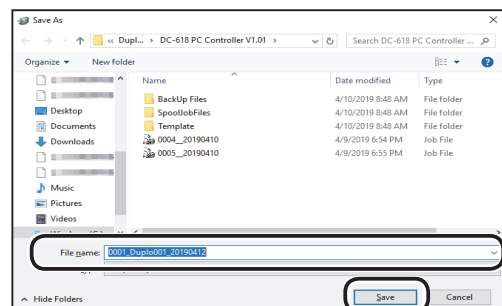
- Saving a JOB layout as a PDF template file
You can save the layout created on a JOB as a PDF template.



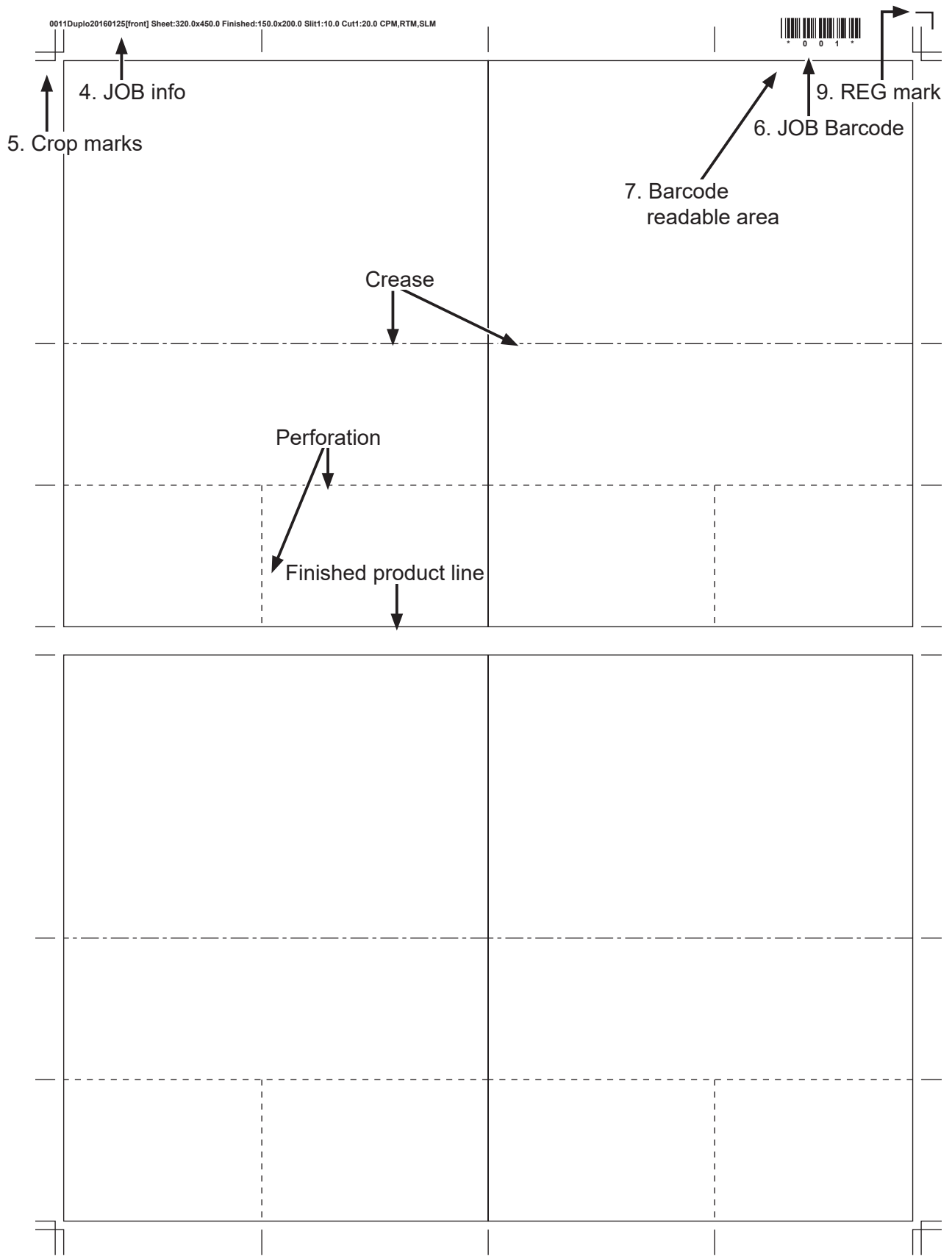
- 1 Select the **Save PDF Template file** check box.



- 2 Specify a file as which to save the JOB and click **Save**.



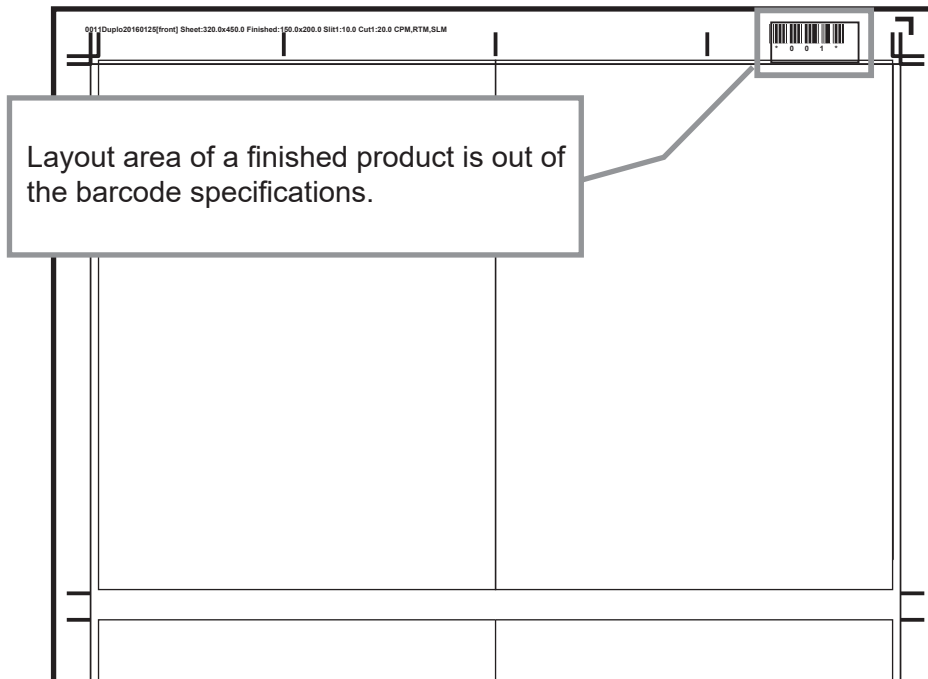
Programming a JOB



*Notes on creating a PDF Template

Messages appear in the following cases.

- If the barcode is out of the specifications

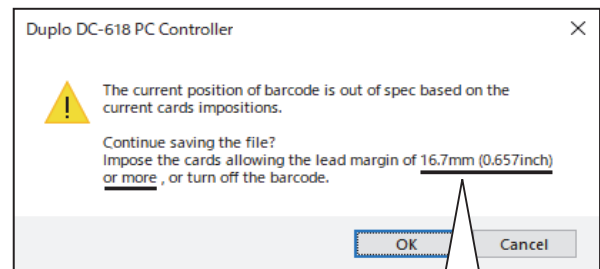


A position of a finished product differs depending on the barcode size. If the position is out of the specifications, the message as shown on the right appears. Clicking **OK** saves the barcode position as being out of the specifications. Clicking **Cancel** returns to the **Direct** screen without saving it.

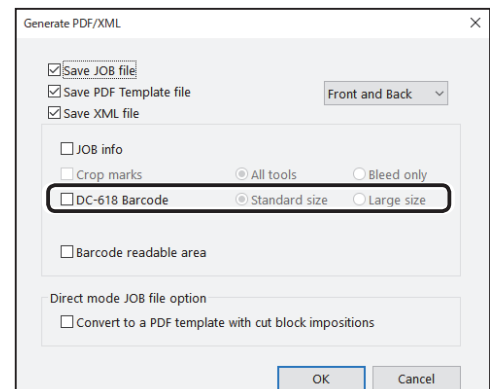
Re-enter a larger number of a value for the first cut than the one displayed on the message in the **Direct mode**.

Alternatively, click **Generate PDF-XML** on the **Direct** screen to display the screen as shown on the right. Clear the **DC-618 Barcode** check box.

(→ P.50 • Saving a JOB as a PDF template or an XML file.)

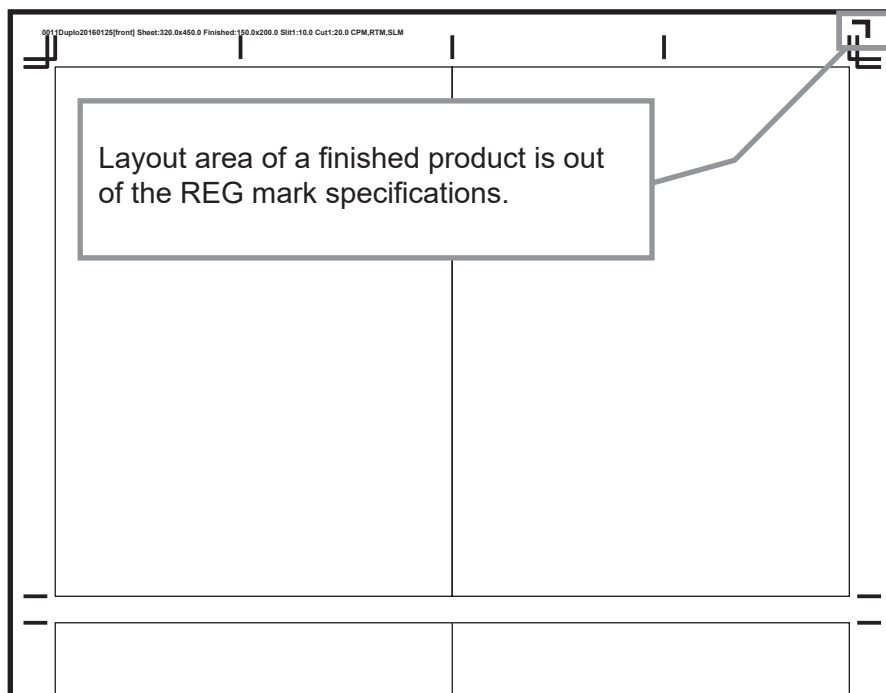


Values for the lead margin displayed here differ depending on a barcode size.



Programming a JOB

- If the REG mark is out of the specifications.



If a layout area of the finished product is out of the REG mark specifications as shown in the figure above, the message as shown on the right appears.

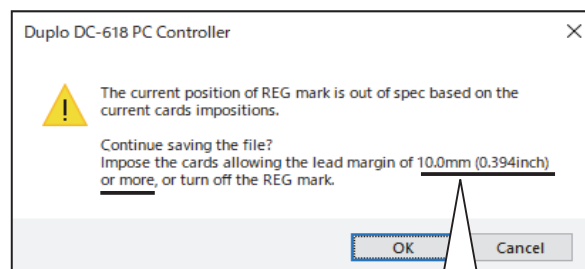
Clicking **OK** saves the REG mark position as being out of the specifications.

Clicking **Cancel** returns to the **Direct** screen without saving it.

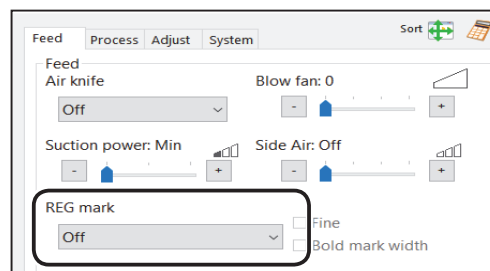
Re-enter a larger number of a value for the first cut than the one displayed on the message in the **Direct mode**.

Alternatively, click **Function settings** on the main screen to display the screen as shown on the right. Select **Off** for the REG mark reading function.

(→ P.82 REG mark)



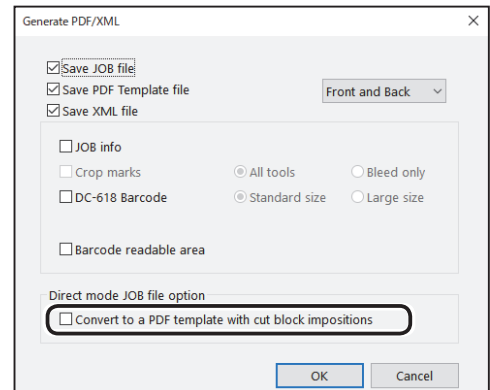
Values for the lead margin displayed here differ depending on a REG mark position.



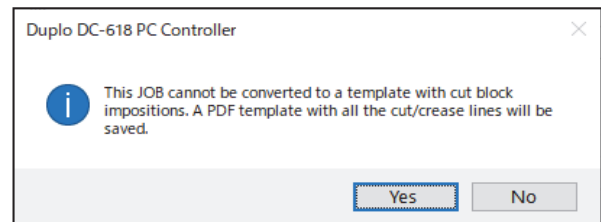
- Converting a JOB to a PDF template with cut block impositions

Click **Generate PDF/XML** on the **Direct** screen to display the screen as shown on the right.

Select the **Convert to a PDF template with cut block impositions** check box to convert the JOB to a PDF template with cut block impositions the same as one programmed in the **Wizard mode** and save it. A finished product of the same size are converted to a PDF template with cut block impositions.



If it fails to convert the JOB to a PDF template with cut block impositions because there is no finished product of the same size, the message as shown on the right appears. Clicking **Yes** saves the JOB as a PDF template without changing the layout.

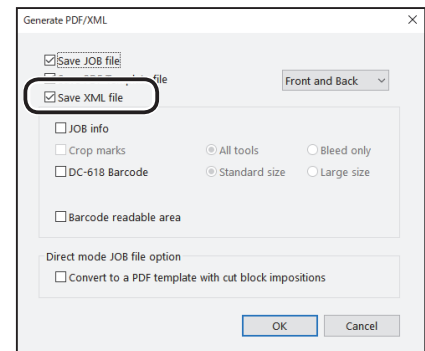


Clicking **No** returns to the **Direct** screen.

- Saving a JOB as an XML file
Select the **Save XML file** check box to save a programmed JOB as an XML file.

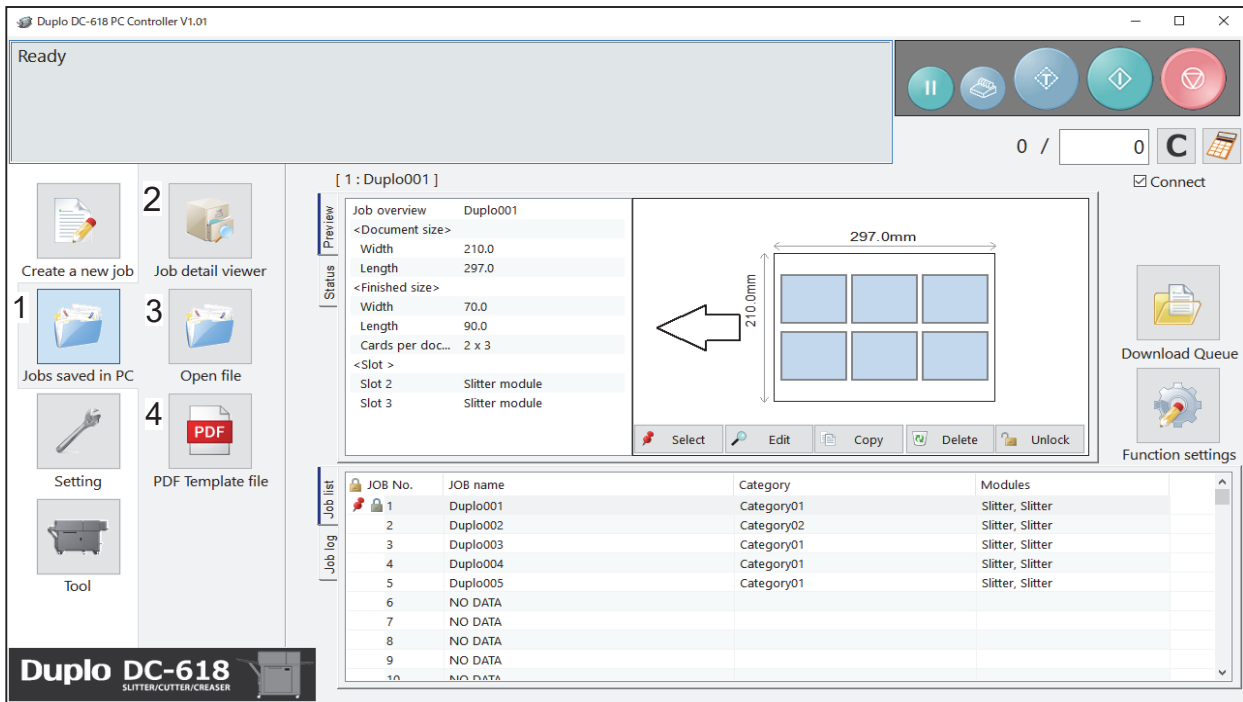
REFERENCE

- You cannot save a JOB programmed or edited in the **Direct mode** as an XML file.
- Contact the dealer for the specifications of XML files.



Checking a Saved JOB

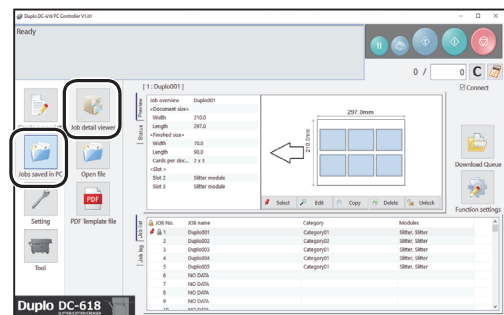
This section describes the procedure for checking details of a saved JOB or for retrieving a JOB from a computer and processing it.



No.	Name	Function
1	Jobs saved in PC	Opens a JOB saved on a computer.
2	Job detail viewer	Displays a list of JOB files programmed with the PC Controller.
3	Open file	Opens a JOB file and displays the Wizard screen, the Direct screen, or the All JOBS screen on which the JOB was programmed.
4	PDF Template file	Opens a folder in which PDF templates are saved.

Job Detail Viewer

- 1 Click **Jobs saved in PC** and then **Job detail viewer** on the main screen.



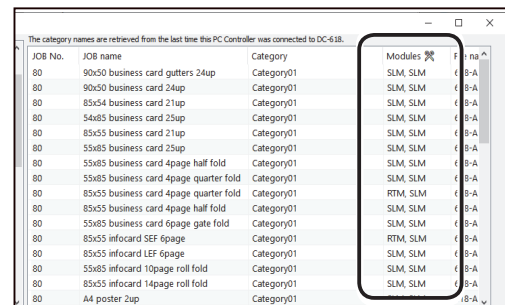
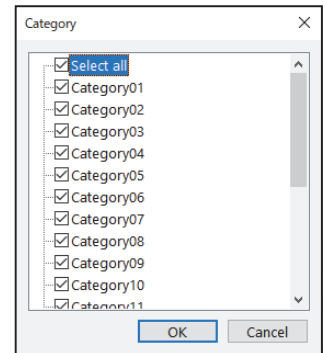
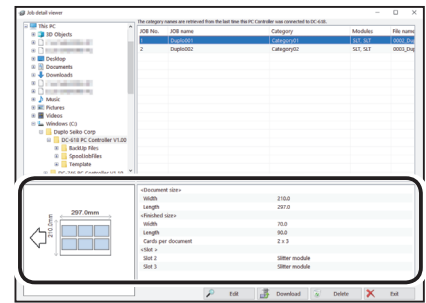
- A list of JOB files programmed with the PC Controller appears.

 - A list of JOB files saved in a selected folder is displayed.
 - Clicking a JOB file on the list displays details of a selected JOB.
 - Double-clicking a JOB file on the list displays the **Wizard** screen or the **Direct** screen on which the JOB was programmed.

REFERENCE

- Clicking **Category** displays the **Category** screen as shown on the right. Select category boxes of JOBS to display on the main screen.

- Clicking **Modules** hides a JOB on the list programmed with a module that is not installed in the machine.
(The figure on the right shows when only slitter modules are installed.)



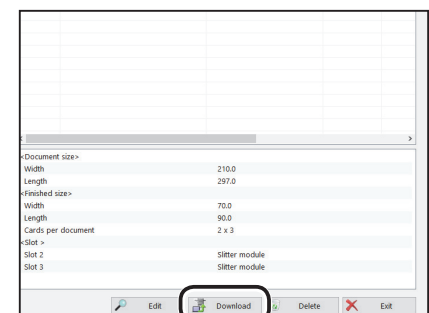
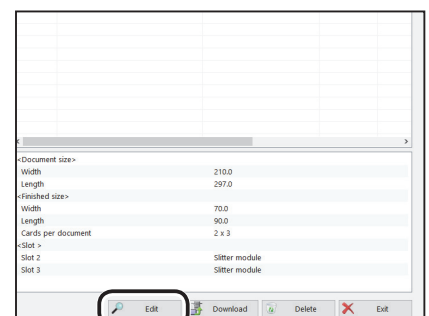
- Click each button to make settings for a JOB.

- Edit**

Clicking **Edit** displays the **Wizard** screen or the **Direct** screen on which the JOB was programmed, where you can edit settings for the JOB.
(→ P.30 Wizard)
(→ P.40 Direct)

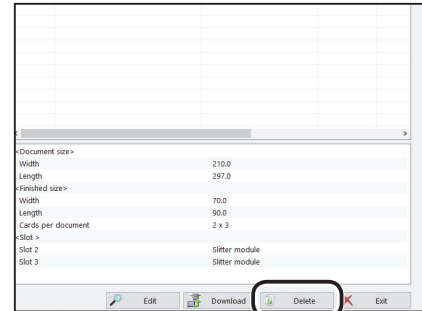
- Download**

Clicking **Download** saves a selected JOB in the DC-618.
(→ P.48 •Saving a JOB in the DC-618)

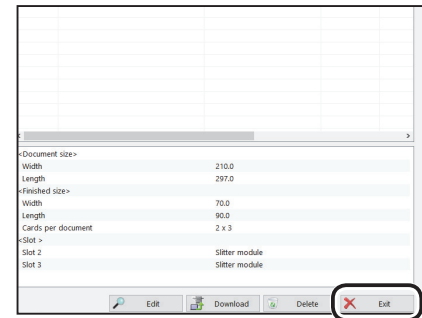


Checking a Saved JOB

- **Delete**
Clicking **Delete** deletes a selected JOB file.

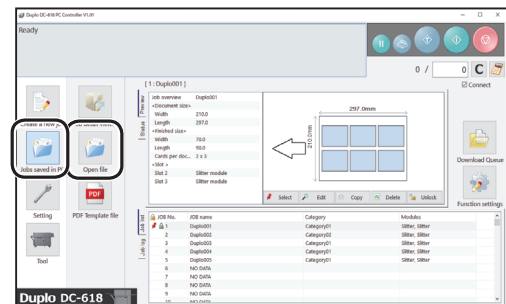


- **Exit**
Clicking **Exit** exits the **Job detail viewer** screen and returns to the main screen.

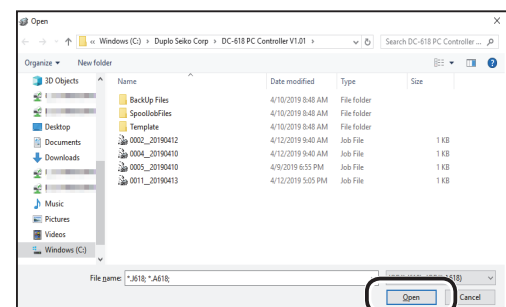


Open File

- 1 Click **Jobs saved in PC** and then **Open file** on the main screen.



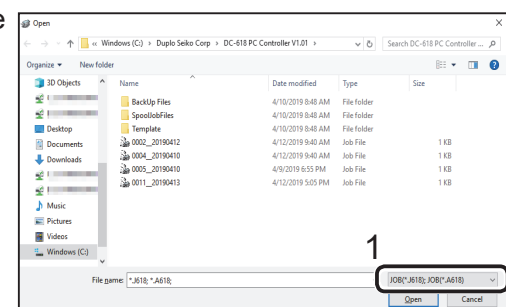
- 2 A list of JOBS programmed with the PC Controller appears. Select a file and click **Open**.



REFERENCE

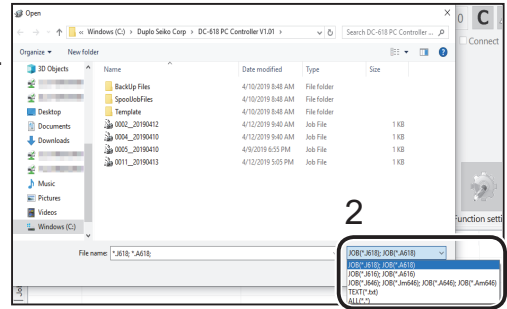
When converting a JOB file for the DC-646/616 to one for the DC-618 and then opening the converted JOB file:

1. Click the box as shown in the figure on the right.

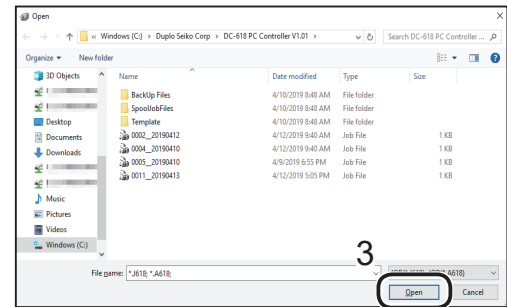


Checking a Saved JOB

- Click **JOB(*.J616);JOB(*.A616)** or **JOB(*.J646);JOB(*.Jm646);JOB(*.A646);JOB(*.Am646)**.



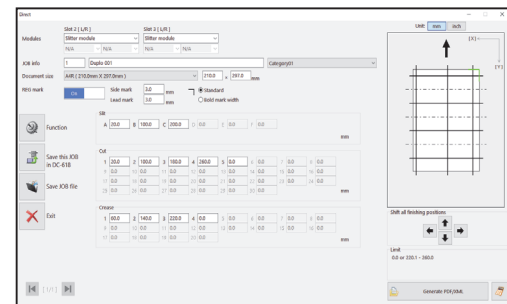
- Select a file and click **Open**.



REFERENCE

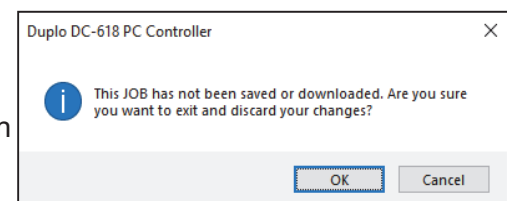
- A JOB programmed in the **WIZARD mode** might be converted into one in the **DIRECT mode** depending on the layout.
- If a JOB file for the machine of other than the DC-618 is converted to one for the DC-618, the functions unique to the DC-618 are set with the defaults.

- Click a text box of the item for which to change settings and re-enter a value. For more details, follow the procedure in [Wizard \(P.30\)](#) or [Direct \(P.40\)](#).



REFERENCE

- The JOB data programmed in the **Direct mode** is displayed on the **Direct** screen. If you have programmed the JOB in the **Wizard mode** and re-enter values in the **Direct mode**, it is displayed on the **Direct** screen.
- If you have changed the settings (values, functions) and have not saved or downloaded it, the message as shown on the right appears. Clicking **OK** return to the main screen without saving or downloading the JOB. Clicking **Cancel** saves or downloads it.



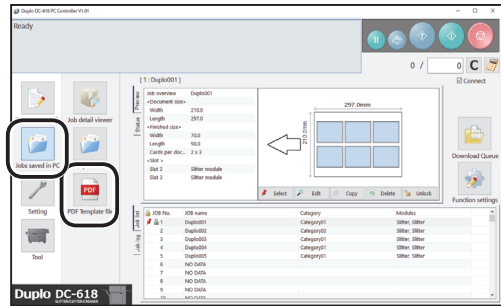
Checking a Saved JOB

PDF Template

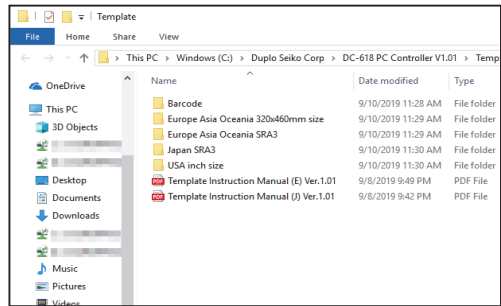
PDF templates are a collection of samples of JOBS that the DC-618 can process. You can select a JOB from various patterns of them and process it.

- Displaying a PDF template

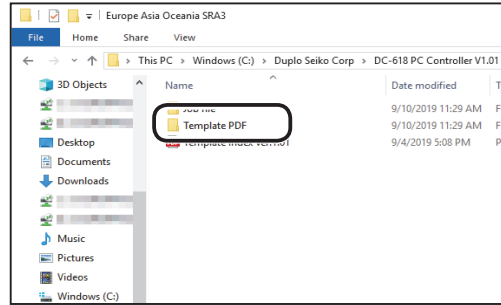
1 Click **Jobs saved in PC** and then **PDF Template file** on the main screen.



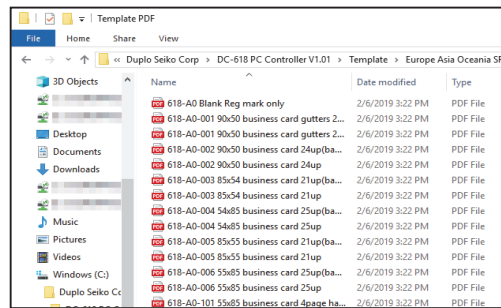
2 Select a folder of a document size and double-click it.



3 Double-click the **Template PDF** folder.



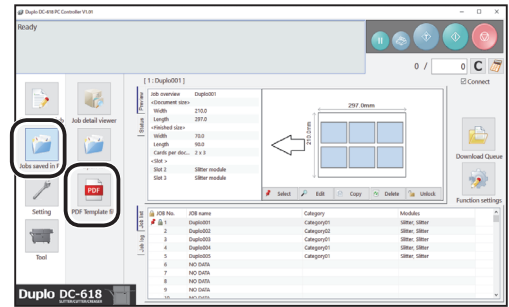
4 Select a PDF template and double-click it.



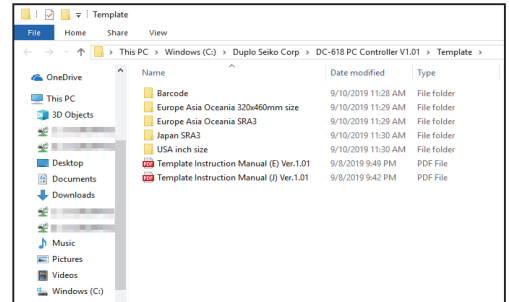
Checking a Saved JOB

- Displaying a JOB file template

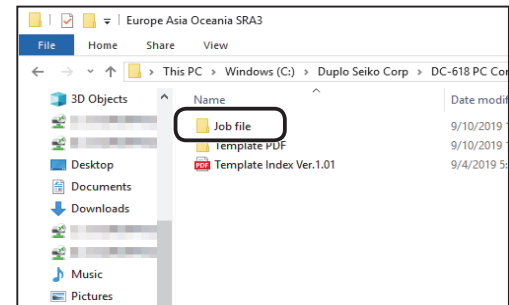
1 Click **Jobs saved in PC** and then **PDF Template file** on the main screen.



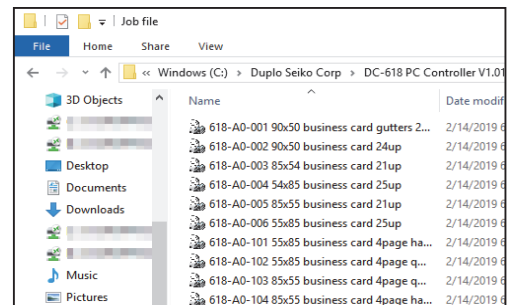
2 Select a document size and double-click it.



3 Double-click the **Job file** folder.

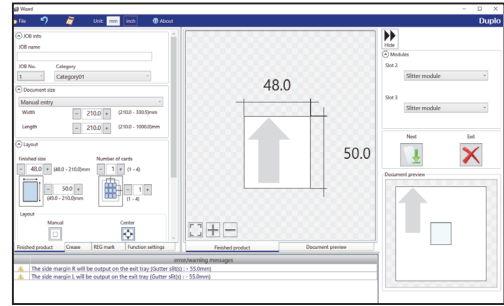


4 Select a JOB file template and double-click it.



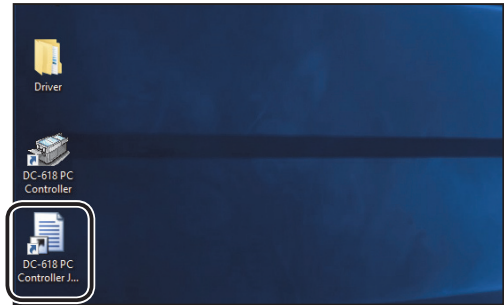
Checking a Saved JOB

- 5** The selected JOB is displayed.
For the procedure for editing or processing a JOB, see [Wizard \(P.30\)](#) or [Direct \(P.40\)](#).



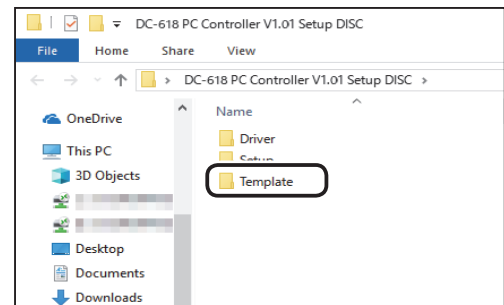
REFERENCE

- When you install the PC Controller, a shortcut of **DC-618 Job Template** is automatically created on the desk top.
Double-click the shortcut.

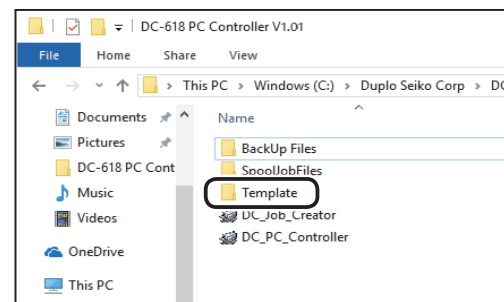
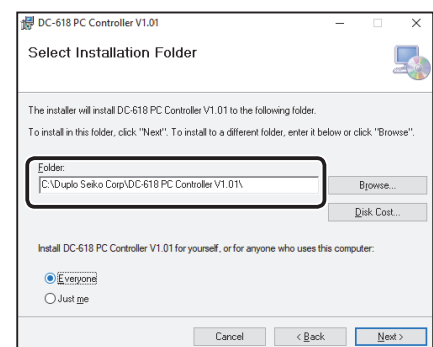


- PDF templates are also located in other two locations than the above.
You can use a PDF template in either location among those.

- They are in the CD-ROM, which came with the DC-618, which is used when the PC Controller and its driver are installed.

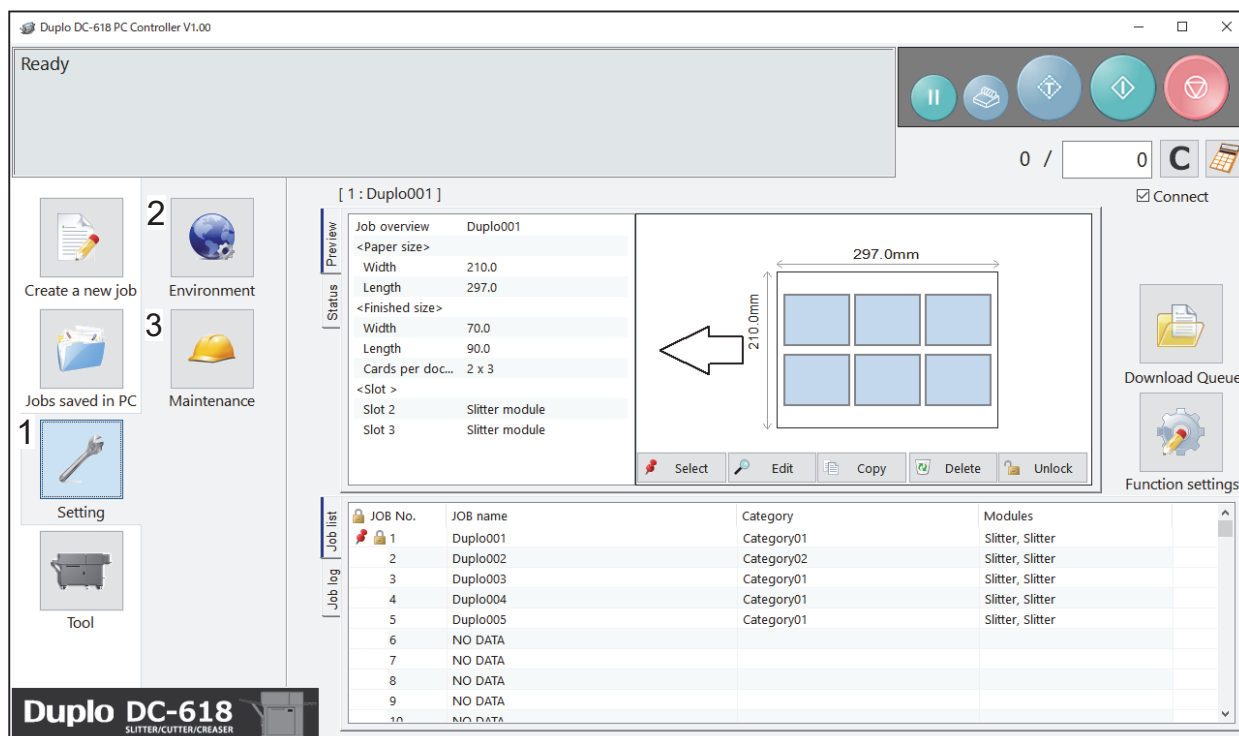


- They are in the folder in which the PC Controller is installed.



Setting Default Values for a JOB

This section describes the procedure for programming default values for a JOB.

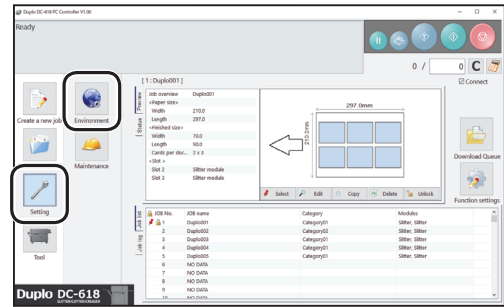


No.	Name	Function
1	Setting	Make default settings for the PC Controller. The other functions are for a service person use only.
2	Environment	Set default values for a JOB.
3	Maintenance	For a service person use only for making settings for connected units, setting a language to be displayed and so on. A password is required to access this. If any setting of those is necessary, contact our service person.

Setting Default Values for a JOB


Environment

- 1 Click **Setting** and then **Environment** on the main screen.



- 2 The **Default** screen appears. Set default values for a JOB.

REFERENCE

Clicking the  icon displays the NUMERIC keys, with which you can enter numerical values instead of using a keyboard.


• Document size

Document Size (User Size)

The size programmed here is saved in the **Standard size** box. Enter each value in the **W:** (Width) box and the **L:** (Length) box.

For smoother use, it is recommended that you register custom size that you use frequently.

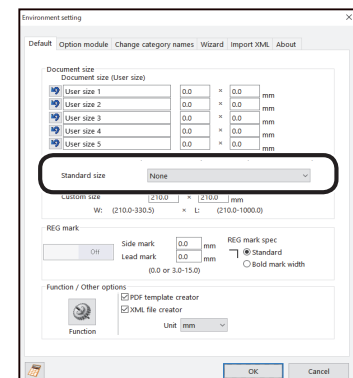
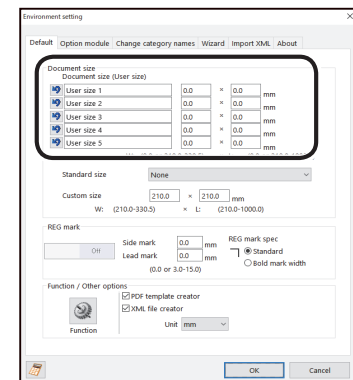
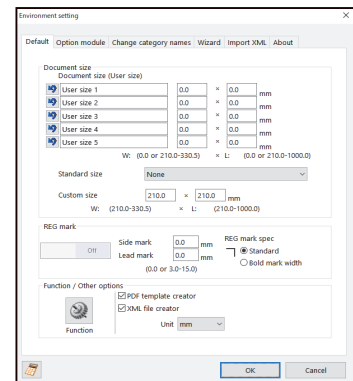
REFERENCE

- You can set up to five sizes.
- You can register a document size with a name of it.
- Clicking the  icon clears a entered name, which displays the default name.

Standard Size

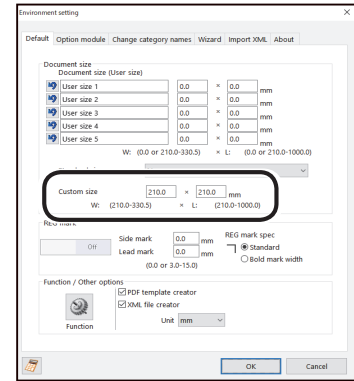
Select a default size from the **Standard size** box.

It is recommended that you register the document size that you use the most frequently as the default.



Custom size

Set default values for processing custom-size documents. Enter values in the **W:** (Width) box and the **L:** (Length) box.

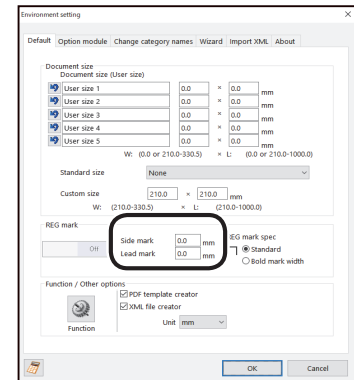


- **REG mark**

Set default values for the REG mark reading function.

Side mark: Enter the distance from the right edge of the document to the side mark in the **Side mark** box.

Lead mark: Enter the distance from the lead edge of the document to the lead mark in the **Lead mark** box.



REFERENCE

- The REG mark reading function is automatically set to **On** when values are entered for both **Side mark** and **Lead mark**.
- If you do not use the REG mark reading function, enter **0** in either box.

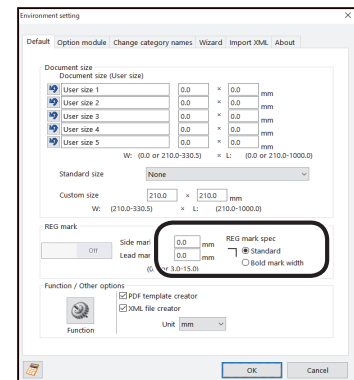
REG mark spec

Select a type of REG mark out of **Standard** and **Bold mark width**. Normally select **Standard**.

REFERENCE

Standard: Select this when processing normal documents with a REG mark of standard thickness printed on them.

Bold mark width: Select this when processing specially treated documents (glossy documents). Print a bold REG mark on them in advance and then select this.



- If it fails to read a REG mark, select **Bold mark width**.
- Select **Off** if you do not use the REG mark reading function.

Setting Default Values for a JOB

IMPORTANT

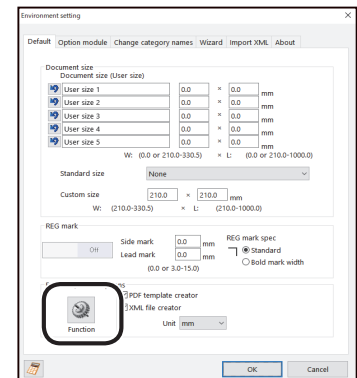
If there is a scratch or a stain in the printing range of a REG mark, the position may not be corrected.

Also if the read side of a document is rough and glossy, the CCD may not be able to read a REG mark and/or a barcode. (The document may diffusely reflect light.)

When processing specially treated documents (glossy document), print a bold REG mark on them in advance. Then, select **Bold mark width** for **REG mark spec**.

• Function setting

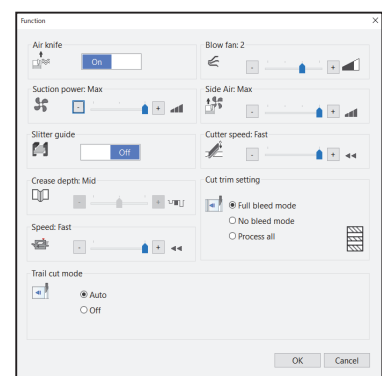
1. Click **Function**.



2. The **Function** screen appears.

For more details, follow the procedure in [• Function settings for a JOB \(P.44\)](#).

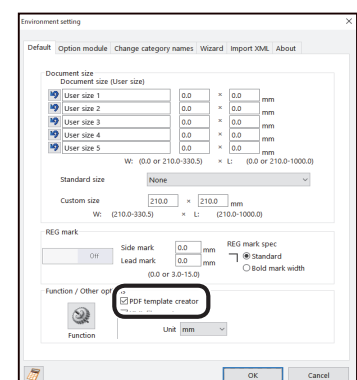
Click **OK** when the setting is completed, which returns to the **Environment** screen.



• PDF template creator

Selecting the **PDF template creator** check box saves a programmed JOB as a PDF template.

(→ P.51 • Saving a JOB layout as a PDF template file)

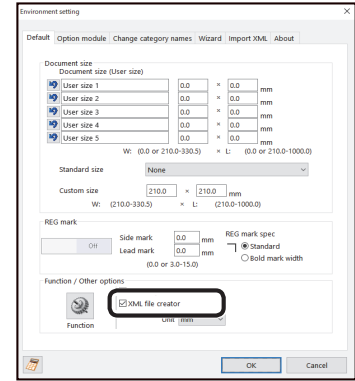


- **XML file creator**

Selecting the **XML file creator** check box saves the JOB programmed as an XML file.

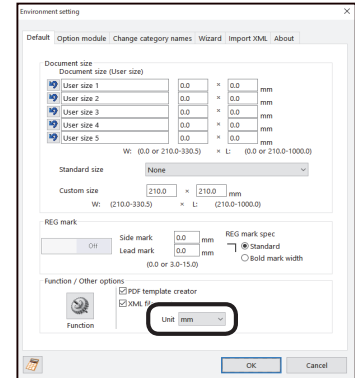
REFERENCE

For the specifications of XML files, contact the dealer.

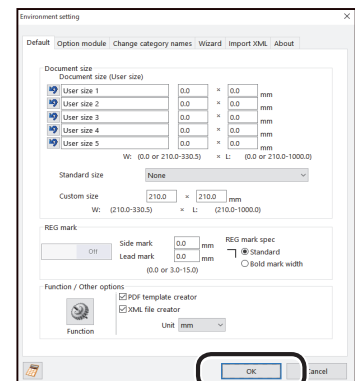


- **Unit**

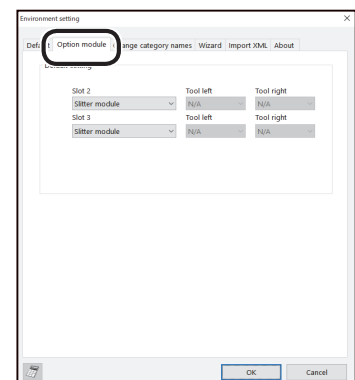
Set default unit of values to program a JOB. Select **mm** or **inch** on the **Unit** box.



3. Click **OK** to save the settings and returns to the main screen. Clicking **Cancel** returns to the main screen without saving them.



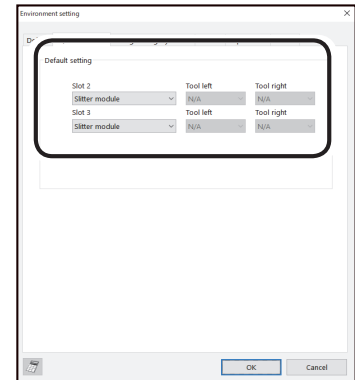
3. Make settings for an optional module to use. Click the **Option module** tab.



Setting Default Values for a JOB

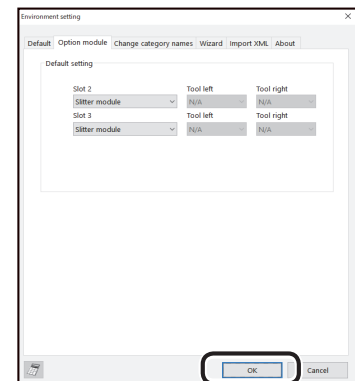
- **Default setting**

The default settings of modules installed in slot 2 and slot 3 are displayed.



Click **OK** to save the settings and returns to the main screen.

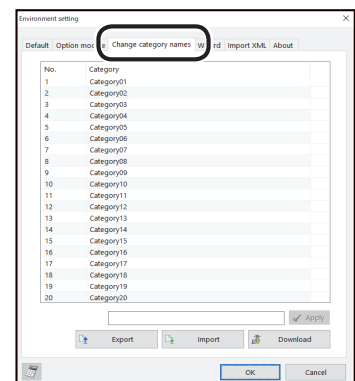
Clicking **Cancel** returns to the main screen without saving them.



4

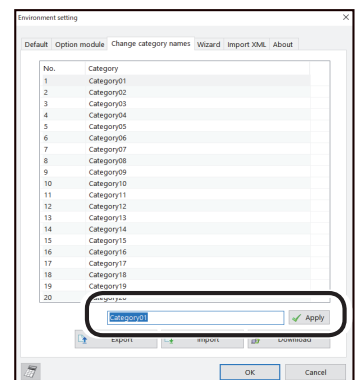
Make settings for categories of JOBs saved in the DC-618.

Click the **Change category names** tab.



- **Changing a category name**

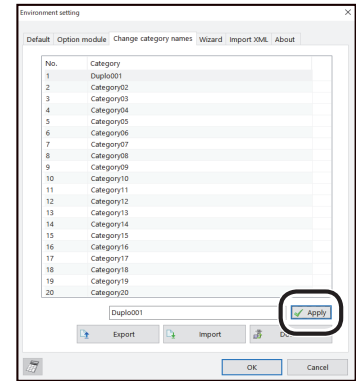
1. Select a category from the category list. Enter a category name in the text box.



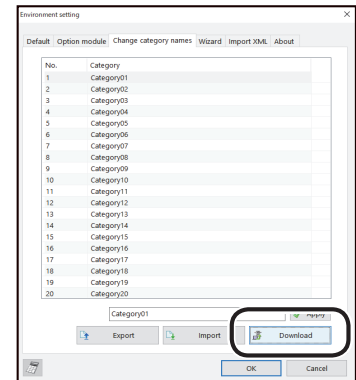
Setting Default Values for a JOB

2. Click **Apply**.

The category name that you have changed is displayed on the category list.

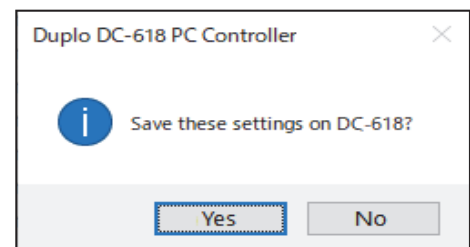


3. Click **Download**.



4. The message as shown on the right appears. Click **Yes**.

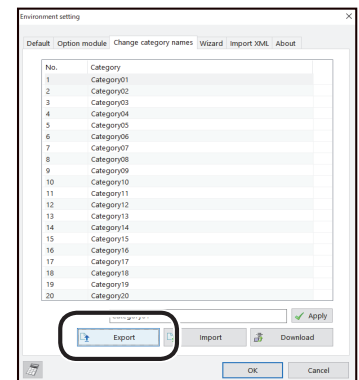
Clicking **No** returns to the previous screen without saving it.



• **Export**

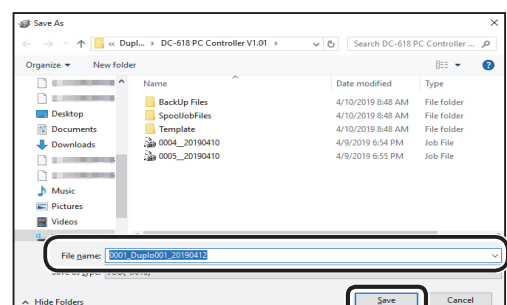
This saves a category on a computer.

1. Click **Export**.



2. Specify a file as which to save the category and click **Save**.

Clicking **Cancel** returns to the previous screen without saving it.

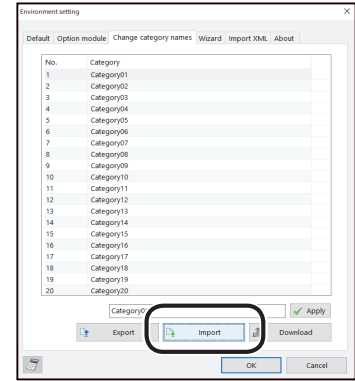


Setting Default Values for a JOB

- **Import**

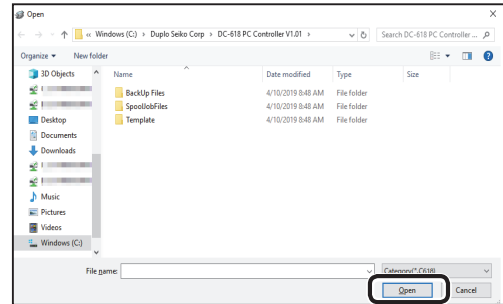
This restores a category list of a JOB file saved on a computer.

1. Click **Import**.

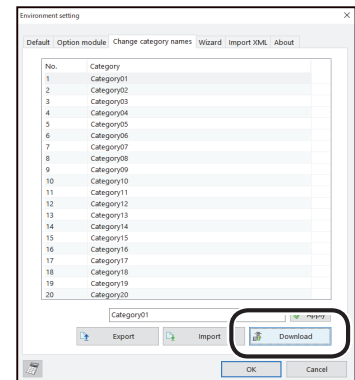


2. Specify a file as which to open a category and click **Open**.

Clicking **Cancel** returns to the previous screen without opening one.

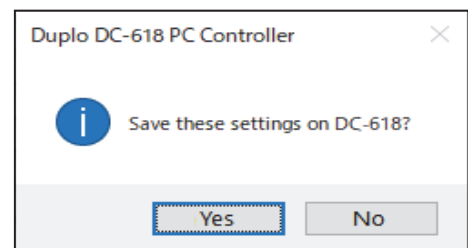


3. Click **Download**.

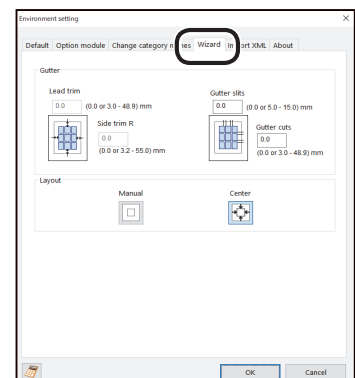


4. The message as shown on the right appears. Click **Yes**.

Clicking **No** returns to the previous screen without saving it.




5 Set default settings for a JOB to be programmed in the **Wizard mode**. Click the **Wizard** tab.

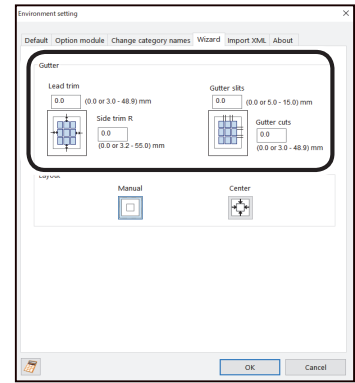


• Gutter

Enter values for **Lead trim** (the lead margin cut), **Side trim R** (the right margin slit), **Gutter slits**, and **Gutter cuts** in each box.

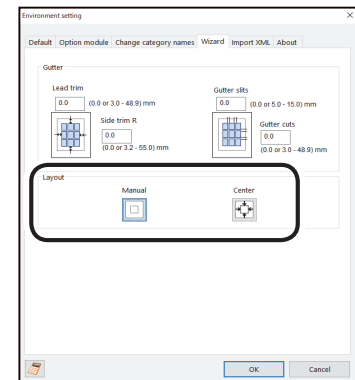
REFERENCE

- Clicking the  icon displays the NUMERIC keys, with which you can enter numerical values instead of using a keyboard.
- To enter values for **Lead trim** (the lead margin cut) and **Side trim R** (the right margin slit), **Manual** under **Layout** is needed to be selected below.



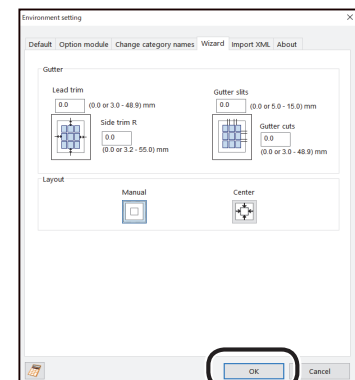
• Layout

Select **Manual** or **Center** by which to locate the document layout.
(→ P.33 Layout)



Click **OK** to save the settings and returns to the main screen.

Clicking **Cancel** returns to the main screen without saving them.

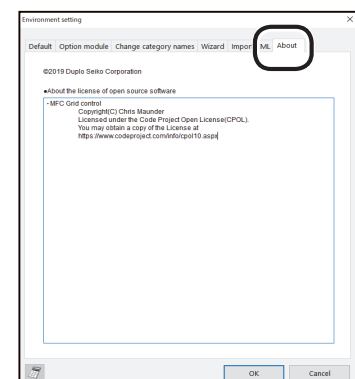


REFERENCE

For the **Import XML** function, refer to Chapter 6 About Import Prepress XML (P.93).

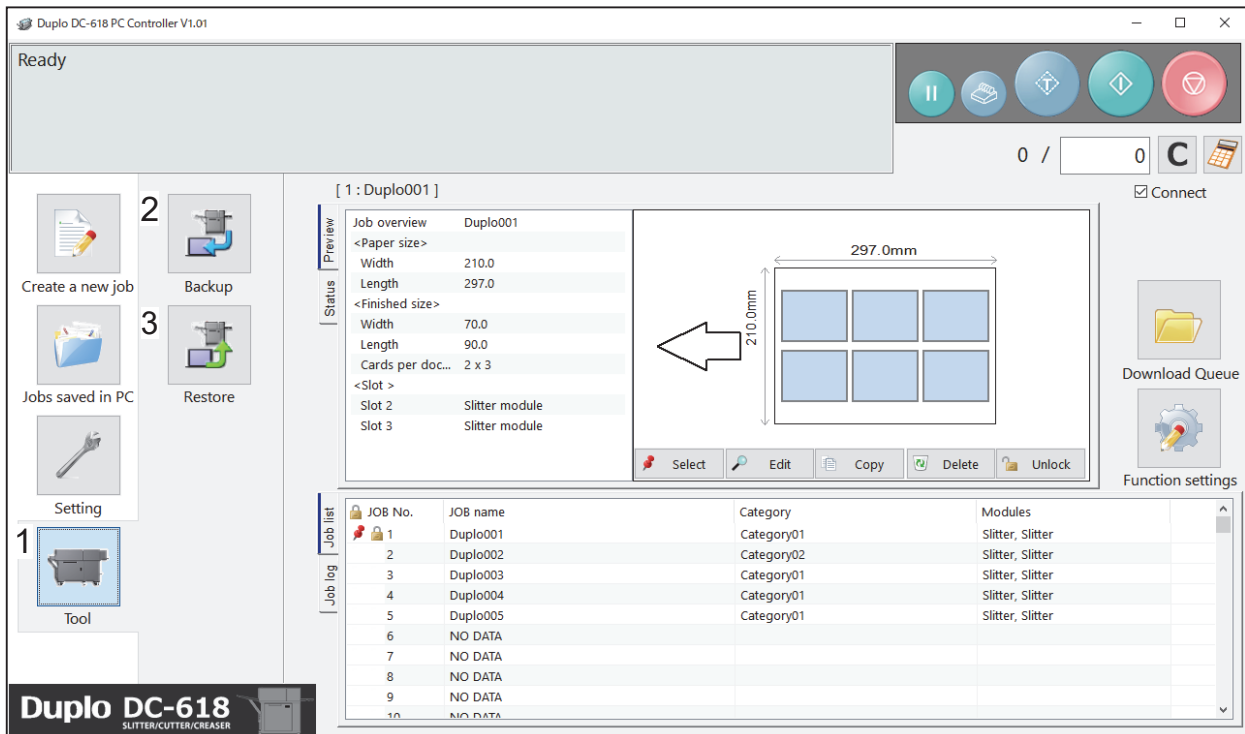
6

Click the **About** tab to display the trademark and the open source software.



Backing Up and Restoring a JOB

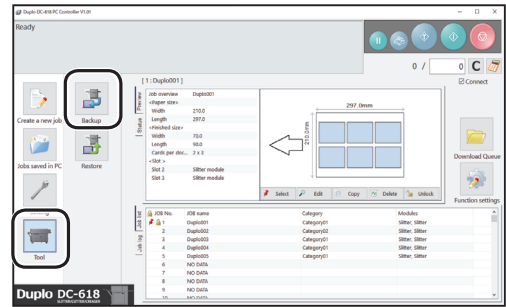
This section describes the procedure for saving all the JOBS saved in the DC-618 on a computer and backing them up and for restoring the backed-up data of them in the DC-618.



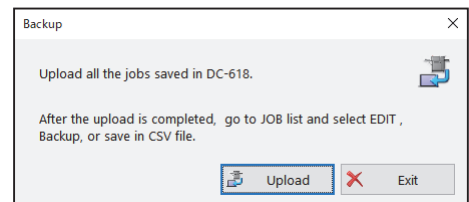
No.	Name	Function
1	Tool	Backs up and restores JOBS.
2	Backup	Backs up all the JOBS saved in the DC-618 and saves them on a computer. (→ P.73 Backup)
3	Restore	Saves backed-up data of JOBS to the DC-618. Helps you to restore a JOB which was accidentally deleted in the DC-618. (→ P.75 Restore)

Backup

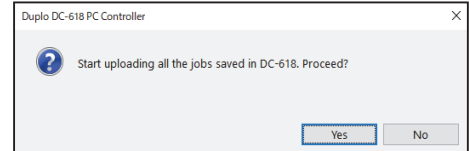
1 Click **Tool** and then **Backup** on the main screen.



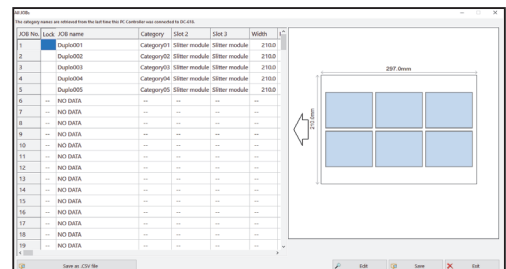
2 The message as shown on the right appears. Click **Upload**. Clicking **Exit** returns to the previous screen without uploading the JOBS.



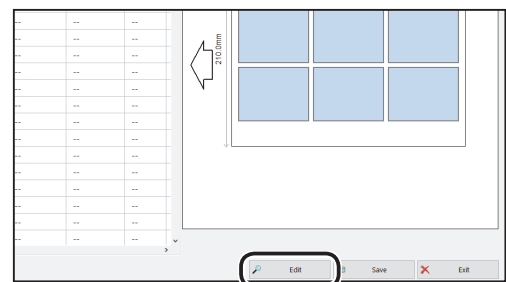
3 The message as shown on the right appears. Click **Yes**. Clicking **No** returns to the previous screen.



4 The **All JOBS** screen appears.



- **Edit**
 Selecting a JOB from the list of JOBS and clicking **Edit** displays the **Wizard** screen or the **Direct** screen on which the JOB was programmed. Change the settings for the JOB if necessary.
 (→ P.30 Wizard)
 (→ P.40 Direct)

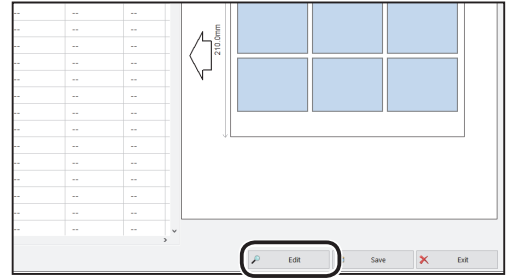


Backing Up and Restoring a JOB

- **Save**

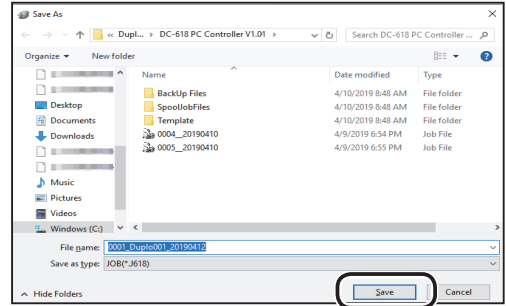
This saves backed-up data as a file in a computer.

1. Select a JOB from the list of JOBS and click **Save**.



2. Specify a file as which to save the JOB and click **Save**.

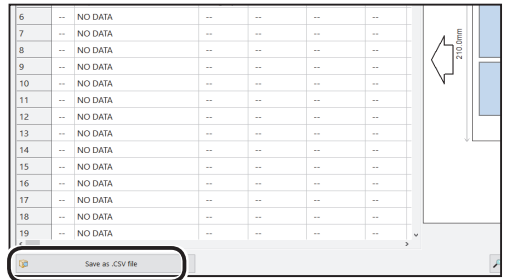
Clicking **Cancel** returns to the previous screen without saving it.



- **Save as .CSV file**

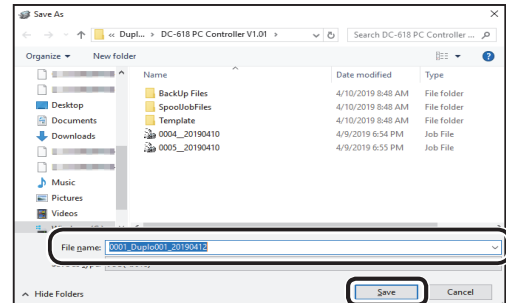
This saves backed-up data of JOBS as a CSV file.

1. Click **Save as .CSV file**.



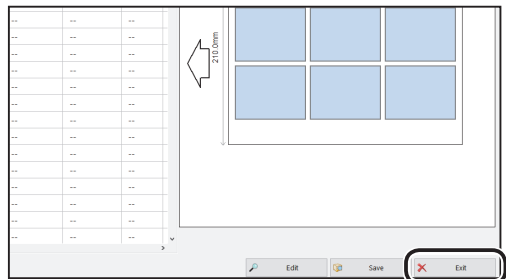
2. Specify a file as which to save the JOB and click **Save**.

Clicking **Cancel** returns to the previous screen without saving it.



- **Exit**

Click **Exit** when the setting is completed.

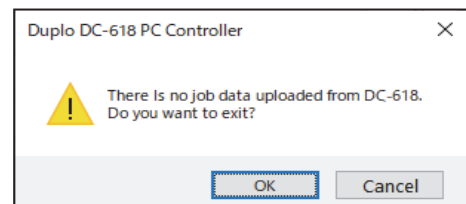


REFERENCE

If you have changed the settings and have not saved it, the message as shown on the right appears.

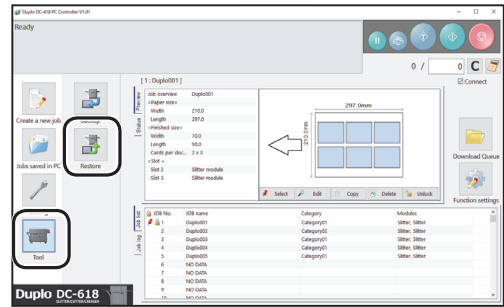
Clicking **OK** returns to the previous screen without saving the settings.

Clicking **No** saves the settings and returns to the previous screen.

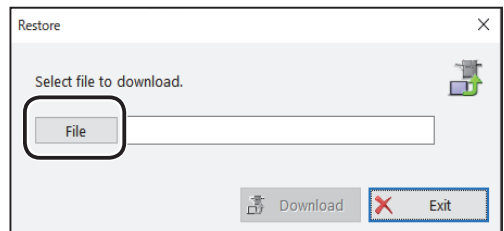


Restore

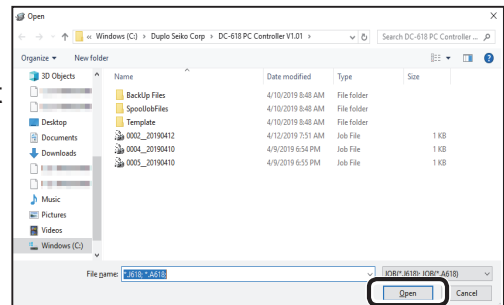
1 Click **Tool** and then **Restore** on the main screen.



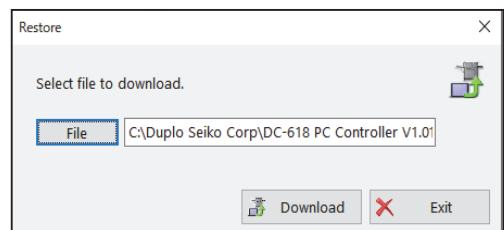
2 Click **File**.



3 Specify a file as which to save the JOB in and click **Open**.
Clicking **Cancel** returns to the previous screen without saving it.



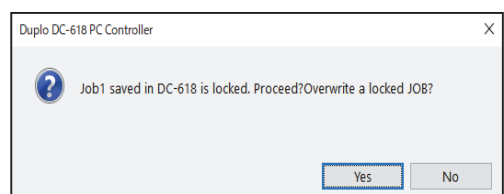
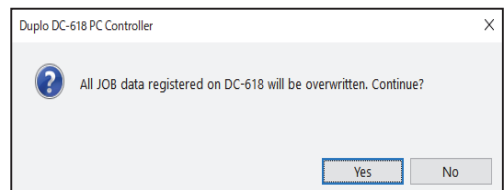
4 Click **Download**.
Clicking **Exit** returns to the main screen without downloading the selected JOB.



5 The message as shown on the right appears.
Click **Yes** to overwrite all the JOBS saved in the DC-618.
Clicking **No** returns to the main screen without overwriting them.

REFERENCE

If you click **Yes** in the above step while either JOB saved in the DC-618 is locked, the message as shown on the right appears.
Clicking **Yes** overwrites all the JOBS saved in the DC-618 including locked JOBS.
Clicking **No** overwrites unlocked JOBS only.



Checking a JOB on the Main Screen

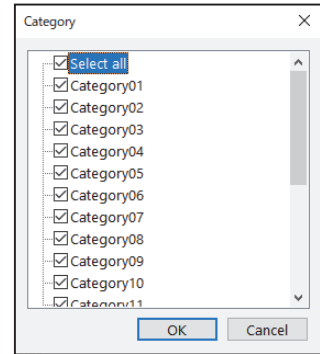
This section describes the procedure for checking a JOB overview or a JOB log and for changing settings for the JOB on the main screen.

Job List

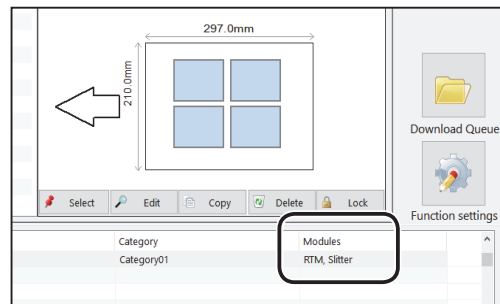
- 1 Select a JOB from the **Job list**.

REFERENCE

Clicking **Category** displays the screen as shown on the right.
Select the check boxes of JOB categories to display.



- Clicking **Modules** hides a JOB on the list programmed with a module that is not installed in the machine.

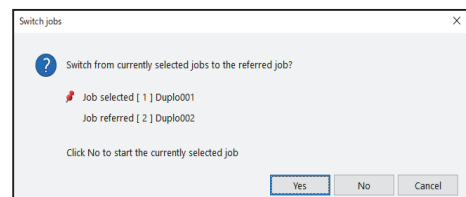
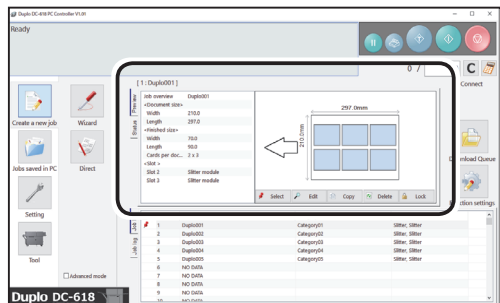


- 2 A JOB overview and a preview are displayed.

REFERENCE

If you select a JOB on the **Job list** and then click the **START** key while another JOB is displayed on the preview screen, the message as shown on the right appears.

Clicking **Yes** selects the JOB that you have just selected on the **Job list** and processes it.
Clicking **No** processes the JOB currently selected.
Clicking **Cancel** returns to the main screen.



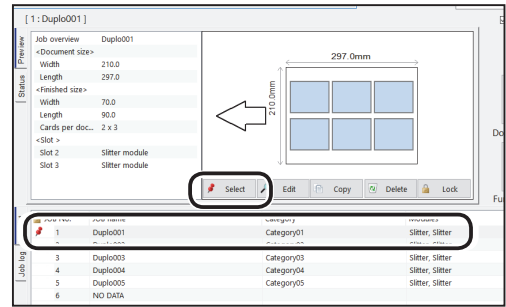
Checking a JOB on the Main Screen

3 Make settings for the JOB by clicking each button.

- **Select**

You can change settings for and process a JOB selected on the DC-618.

Select a JOB from the **Job list** and then click **Select**.



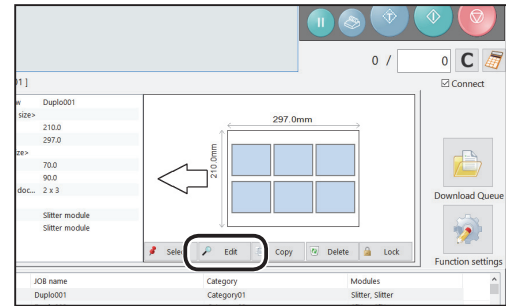
- **Edit**

Clicking **Edit** displays the **Wizard** screen or the **Direct** screen on which the JOB was programmed.

Change the settings for the JOB if necessary.

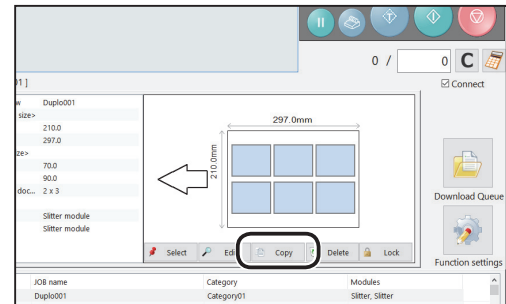
(→ P.30 Wizard)

(→ P.40 Direct)




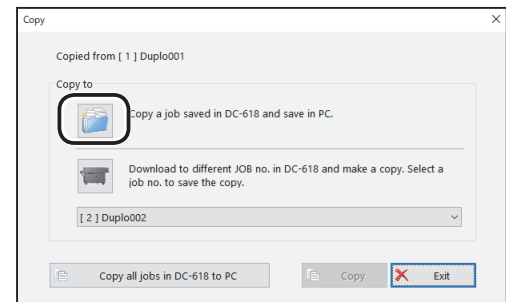
- **Copy**


You can make a copy of a selected JOB to a different JOB number and save the JOB as a JOB file on a computer.



Click **Copy** to display the screen as shown on the right.

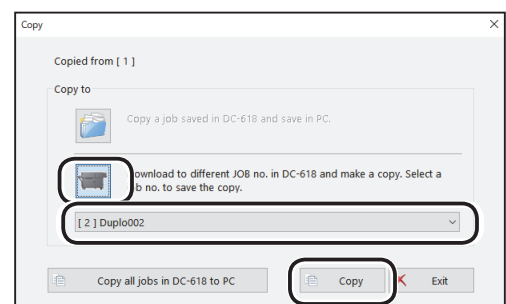
- Clicking the  icon makes a copy of a JOB saved in the DC-618 and saves it as a JOB file on a computer.



- Clicking the  icon makes a copy of a selected JOB and saves it as a different JOB number.

1. Click the box under this icon and select a JOB number as which to save a copy of a JOB.

Click **Copy**.



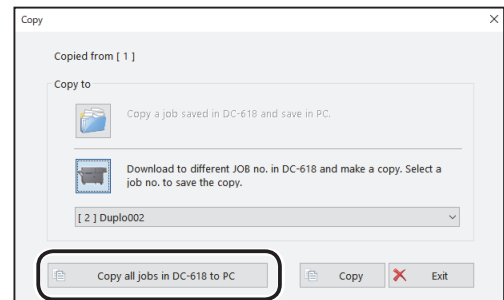
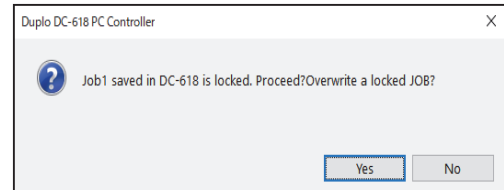
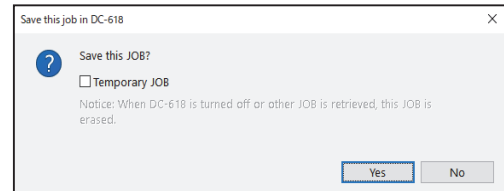
Checking a JOB on the Main Screen

- The screen as shown on the right appears.
Click **Yes** to save the JOB in the DC-618.

Clicking **No** returns to the previous screen without saving it.

REFERENCE

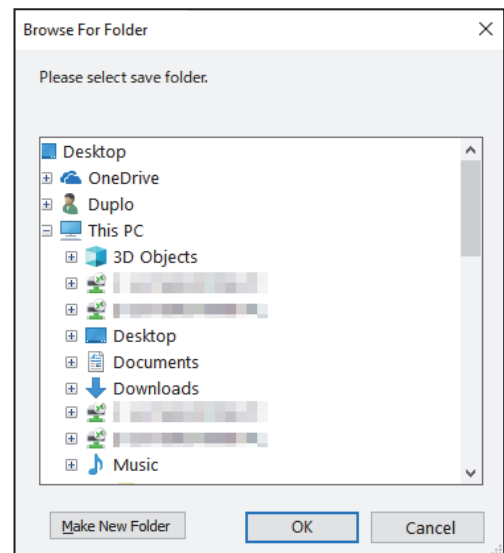
- To save the JOB temporarily, select the **Temporary JOB** check box.
- If the DC-618 is turned **OFF** or another JOB is selected, the JOB temporarily saved is deleted.
- If you overwrite a JOB of which number is already saved in the DC-618, the message as shown on the right appears.
Clicking **Yes** overwrites the JOB.
Clicking **No** returns to the main screen without overwriting it.
- Clicking **Copy all jobs in DC-618 to PC** makes copies of all the JOBS saved in the DC-618 and saves them on a computer.



The **Browse For Folder** screen appears.
Specify a file as which to save the JOB.
Click **OK** to save the JOB in the selected folder.

Clicking **Cancel** returns to the main screen without saving it.

Clicking **Make New Folder** creates a new folder in which to save the JOB.



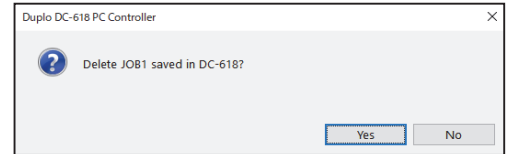
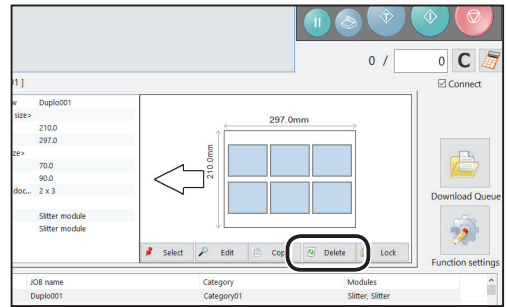
Checking a JOB on the Main Screen

• Delete

Clicking **Delete** displays the message as shown on the lower right.

Click **Yes** to delete a selected JOB.

Clicking **No** returns to the previous screen without deleting it.

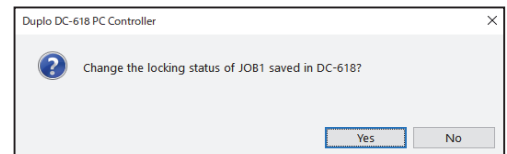
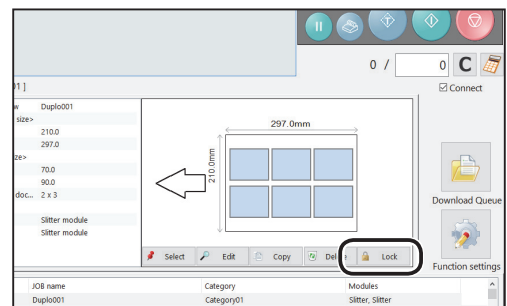


• Lock


Clicking **Lock** displays the message as shown on the lower right.

Click **Yes** to lock the selected JOB.

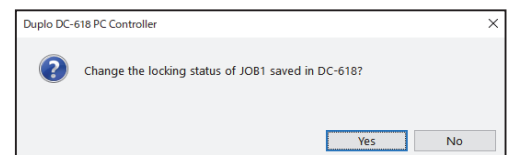
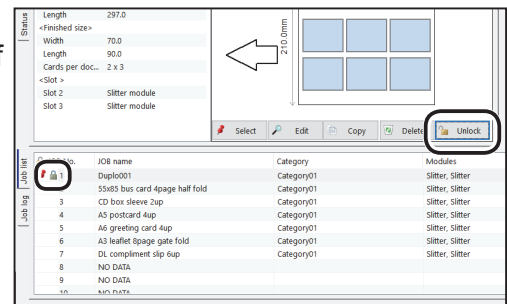
Clicking **No** returns to the previous screen without locking it.



REFERENCE

- You cannot change settings for a locked JOB.
- The  icon is displayed in front of a JOB number of a locked JOB.
- Selecting a locked JOB switches displays of the button between **Lock** and **Unlock**. To unlock a locked JOB, click **Unlock**. The message as shown on the lower right appears. Click **Yes**.

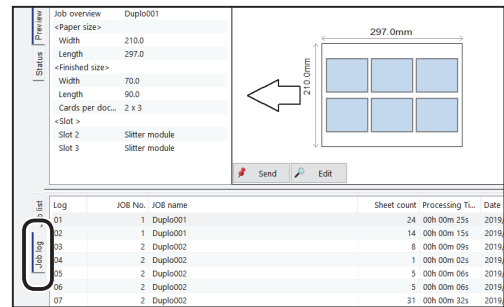
Clicking **No** returns to the previous screen without unlocking it.



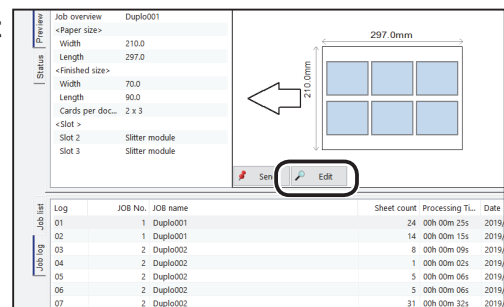
Checking a JOB on the Main Screen

Job Log

- 1 You can make settings for a JOB on the JOB log. Click the **Job log** tab.

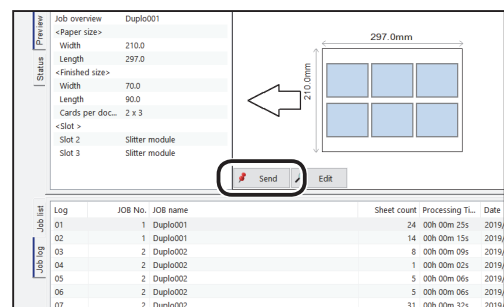


- 2 Clicking **Edit** displays the **Wizard** screen or the **Direct** screen on which the JOB was programmed. Change the settings for the JOB if necessary.
(→ P.30 Wizard)
(→ P.40 Direct)



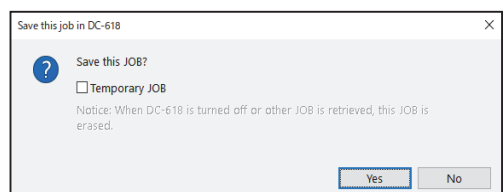
- 3 Clicking **Send** displays the message as shown on the lower right. Click **Yes** to save the settings edited on step 2 for the JOB.

Clicking **No** returns to the previous screen without saving them.



REFERENCE

- To save the JOB temporarily, select the **Temporary job** check box.
- If the DC-618 is turned **OFF** or another JOB is selected, the JOB temporarily saved is deleted.

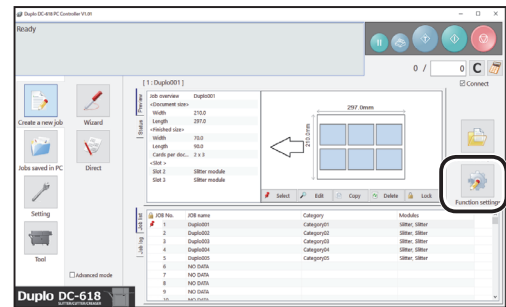


Function Settings

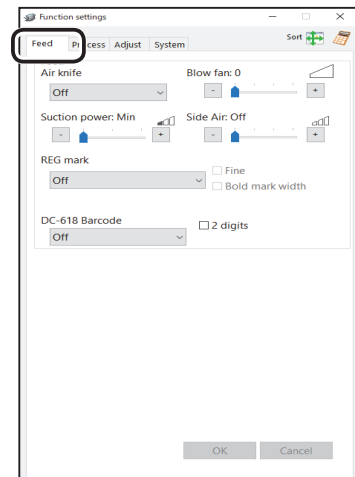
This section describes the procedure for displaying the **Function settings** screen on the main screen to make function settings for a JOB.

Feed

- 1 Click **Function settings** on the main screen.



- 2 The **Function settings** screen appears.
 1. Click the **Feed** tab to make function settings for a JOB.



- **Feed**
Air knife

Compressed air is blown out from the front to the corner of the document. This prevents a double feed. To use this function, select **On**. If not, select **Off**.

REFERENCE

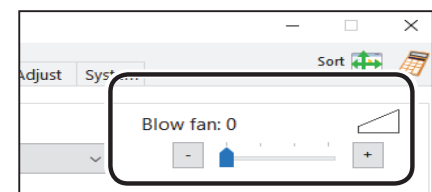
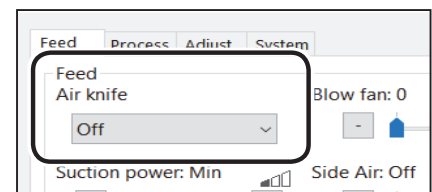
Select **On** when processing documents with excessive static electricity or heavy weight documents.

Blow fan

Air is blown out from the lead edge side of a document to loosen the documents when it is fed. Select air level from **0** to **3** by clicking **+** or **-**.

REFERENCE

Set the air level higher if the DC-618 does not feed a document. Set the air level lower if a double feed occurs.

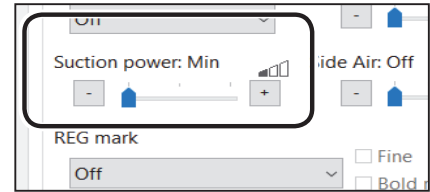


Function Settings

Suction power

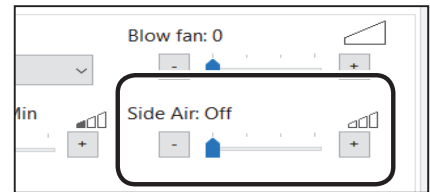
A document is fed by being suctioned to the **conveyance belt**.

Select suction power level out of **Max**, **Mid**, and **Min** by clicking + or -.



Side Air (option)

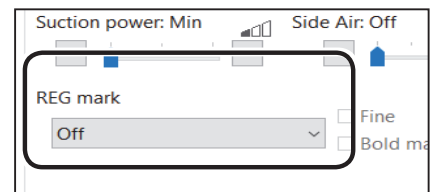
This blows air out from the side of documents to loosen them, preventing a double feed. Select air level out of **Max**, **Mid**, **Min**, and **Off**.



REG mark

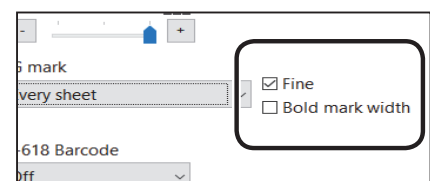
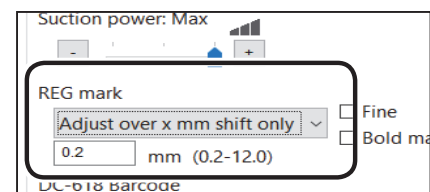
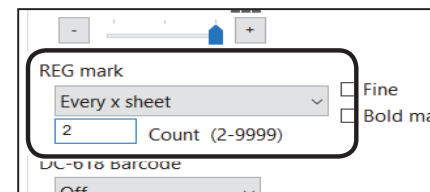
This function senses a REG mark and then reads the image drift and compensates it.

Select **Off**, **Every sheet**, **Every x sheet**, **Adjust over x mm shift only**, or **First sheet only**.



REFERENCE

- **Every x sheet:** You can set the number of sheets from 2 to 9999. For example, if you enter 2, a REG mark is read one time in two sheets (1st, 3rd, 5th, ...).
- **Adjust over x mm shift only:** You can set the adjustment value of sheets from 0.2 to 12.0. This adjusts positions of a JOB if it is necessary to correct a value of *** mm or more than the current JOB positions. It does not correct a value smaller than an entered one.
- Make settings for REG mark reading accuracy to use the REG mark reading function. If you have selected the **Fine** check box while having selected any item other than **Off** in the **REG mark** box, it improves REG mark reading accuracy and compensates printing position misalignment finer. As it reads a REG mark with higher accuracy, it processes a JOB at slower speed than when the **Fine** check box is cleared.
- If it fails to read a REG mark, select **Bold mark width**.



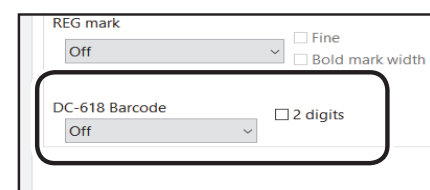
Barcode

This function reads a barcode and sets a JOB automatically.

Select **Off**, **First sheet only**, or **Every sheet**.

Off: Does not read a barcode.

First sheet only: Reads a barcode on the first sheet of documents and sets the JOB.



Every sheet: Reads barcode on every sheet of documents and sets the JOB.

IMPORTANT

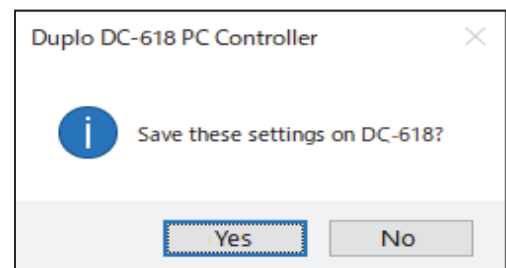
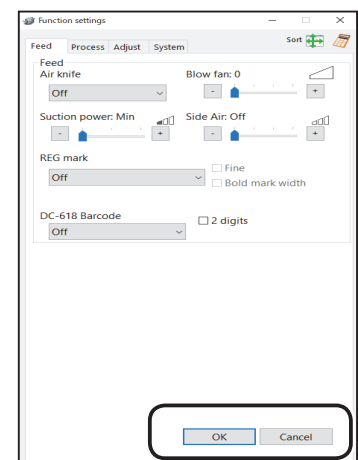
For customers who replace the conventional DC machine with the DC-618, you can set the screen that enables the DC-618 to read a 2-digit barcode. Contact the dealer for more information.

REFERENCE

When the setting as described in **IMPORTANT** above is set, the **2 digits** check box appears.

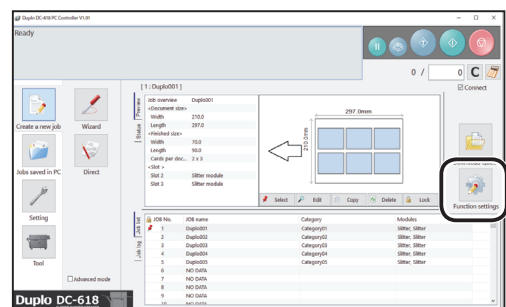
- Clicking **OK** displays the message as shown on the lower right.
Click **Yes** on the message screen to save the settings and exits the **Function settings** screen.
Clicking **No** on the message screen returns to the main screen without saving them.

Clicking **Cancel** clears the changed settings.



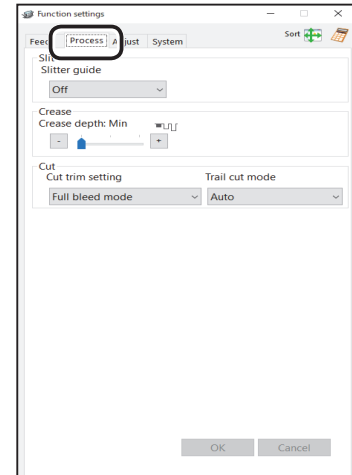
Process

- Click **Function settings** on the main screen.



Function Settings

- 2** The **Function settings** screen appears.
1. Click the **Process** tab to make function settings for a JOB.



- **Slit**

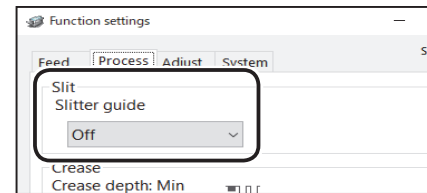
- **Slitter guide**

- This function enables you to use the slitters that you do not use to process a JOB as document guides to stabilize document conveyance.

- Select **Off** or **On**.

- REFERENCE**

- It is recommended that you select **On** when processing light weight documents.



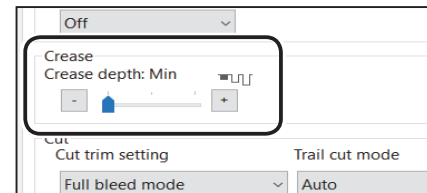
- **Crease**

- **Crease depth**

- This sets the depth of a crease when a document is creased.

- Select a crease depth out of **Max**, **Mid**, and **Min** by clicking **+** or **-**.

- Select **Max** when processing heavy weight documents and **Min** when processing light weight documents.

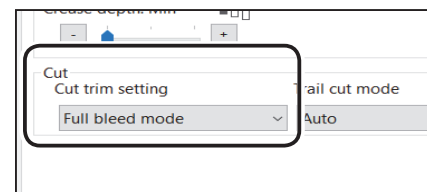


- **Cut**

- **Cut trim setting**

- The lead margin, the trail margin, and any gutter cuts are chopped up and dropped into the waste box.

- Select **Full bleed mode**, **No bleed mode**, or **Process all**.



Full bleed mode :The lead margin and the trail margin are chopped up and dropped into the waste box. Any other gutter cuts shorter than 49.0 mm in width are also chopped up and dropped into the waste box.

No bleed mode: Gutter cuts shorter than 49.0 mm in width are chopped up and dropped into the waste box.

Process all: All of the cut pieces are ejected to the exit tray. Gutter cuts shorter than 30.0 mm in width are chopped up and dropped into the waste box. The trail margin shorter than 60.0 mm are chopped up and dropped into the waste box.

- REFERENCE**

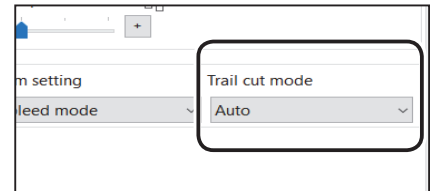
- If the document has no lead margin or trail margin, select **No bleed mode**.

Trail cut mode

This sets whether dummy cut for the trail margin is processed or not.

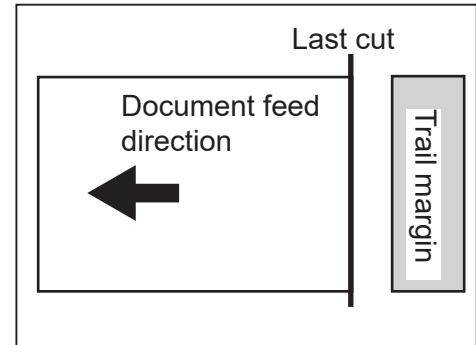
Select **Auto** (automatic) or **Off**.

Auto: Performs dummy cut for the trail margin one time.



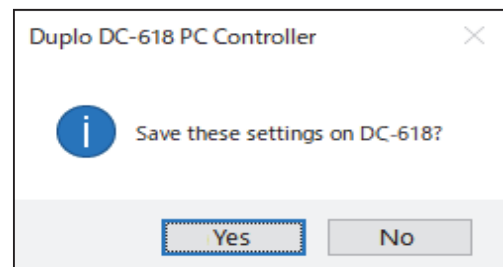
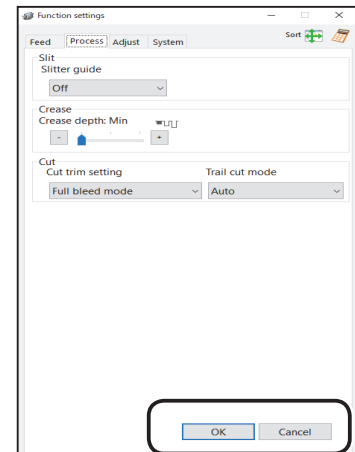
REFERENCE

- Dummy cut: The DC-618 performs cutting operation without a document to be cut at the position where the document is fed for the distance of the trail margin plus extra length. This is effective for dropping a document, such as when the trail margin is jammed between the roller and the lower tool in the cutter section.
- Trail margin: Means a margin of the trail edge of a document produced when the last cut is processed.



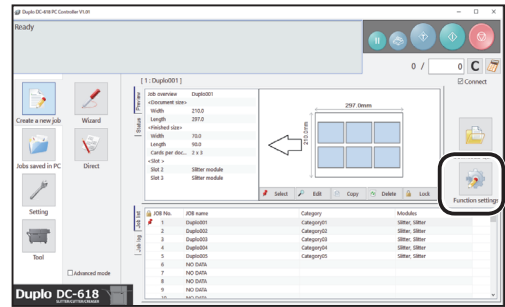
2. Clicking **OK** displays the message as shown on the lower right.
 Click **Yes** on the message screen to save the settings and exits the **Function settings** screen.
 Clicking **No** on the message screen returns to the main screen without saving them.

 Clicking **Cancel** clears the changed settings.

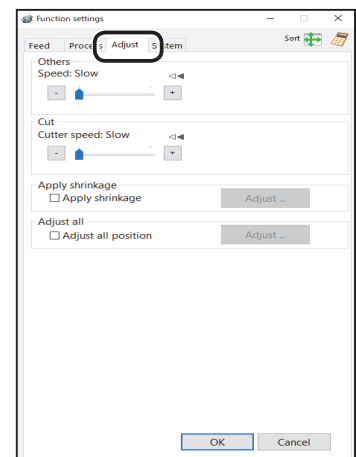


Adjust

- 1 Click **Function settings** on the main screen.



- 2 The **Function settings** screen appears.
 1. Click the **Adjust** tab to make function settings for a JOB.



- **Others Speed**

Select processing speed out of **Fast** and **Slow** by clicking **+** or **-**.

REFERENCE

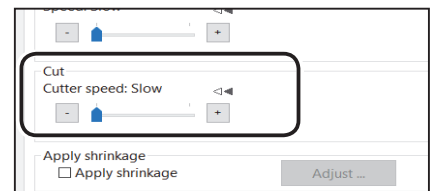
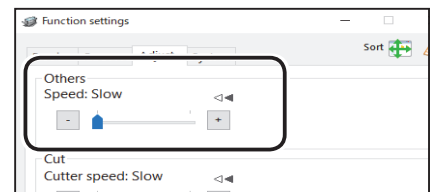
If it cannot obtain finishing accuracy because of roller slip due to slippery documents (UV coated documents and so on), select **Slow**.

- **Cut Cutter speed**

Select speed of cutting a document out of **Fast** and **Slow** by clicking **+** or **-**.

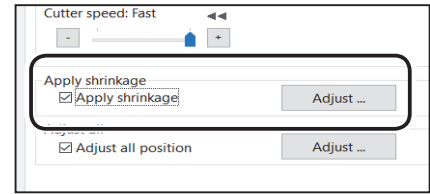
REFERENCE

If it fails to cut the document with **Fast**, select **Slow**.



● **Apply shrinkage**
Apply shrinkage

In case printed documents are shrunk by heat generated on a digital printer, with the values for the original document size and a document size after shrunk entered, the DC-618 automatically calculates the shrinkage ratio and adjusts the cutting and creasing position accordingly. This function compensates for the shrinkage or expansion in the feed direction.



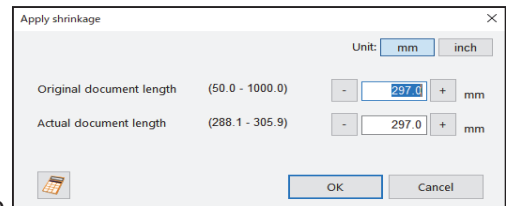
1. Select the **Apply shrinkage** check box and then click **Adjust**.

2. The **Apply shrinkage** screen appears.


Enter the length of the document in each box.

Original document length: Enter the length of the document before it is shrunk.

Actual document length: Enter the length of the document after it is shrunk.



REFERENCE

Clicking the  icon displays the NUMERIC keys, with which you can enter numerical values instead of using a keyboard.

3. Click **OK** to save the settings and returns to the previous screen.

Clicking **Cancel** returns to the previous screen without saving the them.

● **Adjust all**
Adjust all position

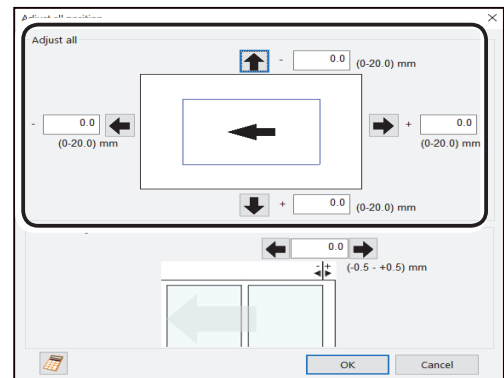
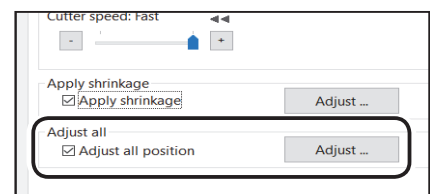
This function corrects a document position in a vertical/horizontal direction against the JOB set (mm).

1. Select the **Adjust all position** check box.
Click **Adjust**.

2. The **Adjust all position** screen appears.
Click a text box of which to change processing positions under **Adjust all**, then enter values for shifting.

3. Click **OK** to save the settings and returns to the previous screen.



Clicking **Cancel** returns to the previous screen without saving them.



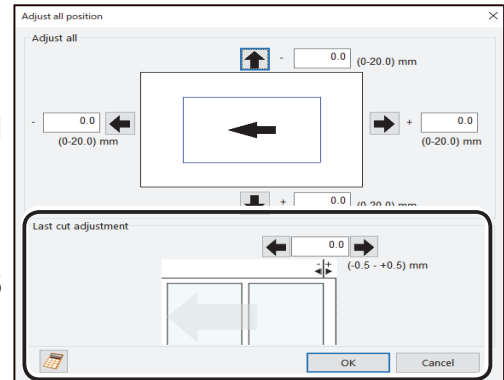
Function Settings

• Last cut adjustment

This function corrects the trail cut position of the last finished product in a direction against the JOB set (mm).


1. Select the **Adjust all position** check box.
Click **Adjust**.
2. The **Adjust all position** screen appears.
Click the text box under **Last cut adjustment** and enter a value.
 - : Moves the last cut position toward the trail edge of the finished product.
 - : Moves the last cut position toward the lead edge of the finished product.

You can make an adjustment in the range of -0.5 to +0.5 mm.
3. Click **OK** to save the settings and returns to the previous screen.



Clicking **Cancel** returns to the previous screen without saving them.

REFERENCE

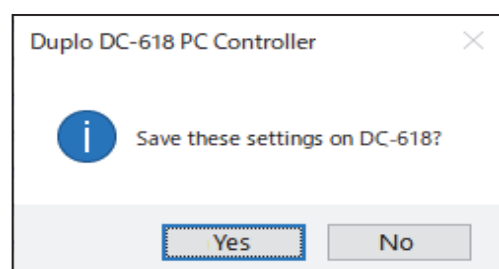
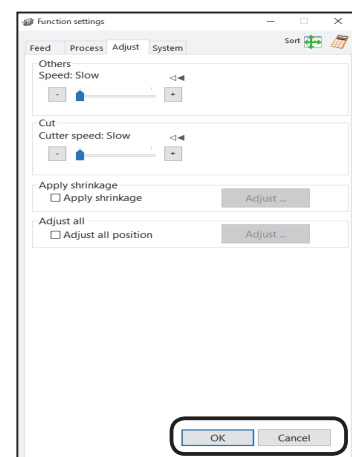
- Every click on an arrow next to a **+** box increases values by one. Every click on an arrow next to a **-** box decreases values by one.
- Entering a value in a **-** box while a value is already entered on the **+** box on its opposite side sets the value in the **+** box to **0**.
- Clicking the  icon displays the NUMERIC keys, with which you can enter numerical values instead of using a keyboard.

2. Clicking **OK** displays the message as shown on the lower right.

Click **Yes** on the message screen to save the settings and returns to the main screen.

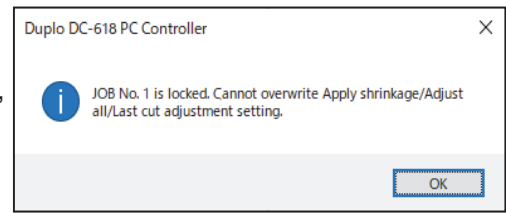
Clicking **No** on the message screen returns to the main screen without saving it.

Clicking **Cancel** clears the changed settings.



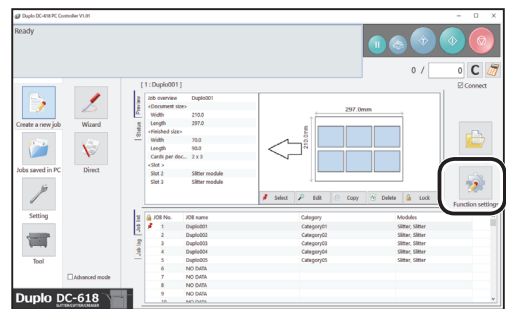
REFERENCE

- If you have changed values for **Apply shrinkage**, **Adjust all**, and/or **Last cut adjustment** for a locked JOB and click **Yes** on the previous message in step 2, the message as shown on the right appears. Click **OK**.
- If the JOB is locked, unlock the locked JOB first. (→ P.79 • Lock)

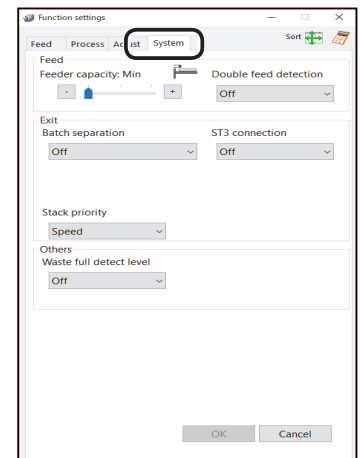


System

1 Click **Function settings** on the main screen.



2 The **Function settings** screen appears.
1. Click the **System** tab to make function settings for a JOB.



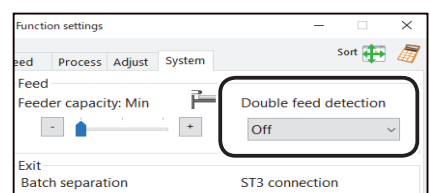
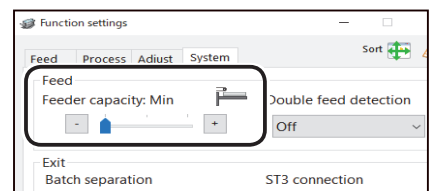
• **Feed**

Feeder capacity

You can adjust the elevator level to three levels according to the document quantity. Select the level out of **Max**, **Mid**, and **Min**.

Double feed detection

This function detects a double feed (two or more sheets are fed at once). To use this function, click **On**. If not, click **Off**.



Function Settings

● Exit

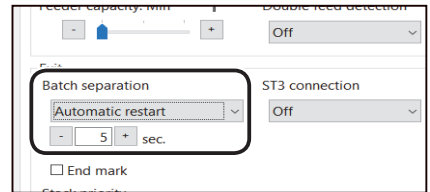
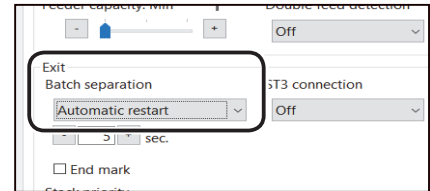
Batch separation

This function sets a time interval between the last process of a document as preset and the next one. Select **Off**, **Manual restart**, or **Automatic restart**.

Off: Processes normal operation.

Manual restart: If you select this, click the START key to cancel the batch separation and resume the operation.

Automatic restart: Cancels the batch separation according to the set time and then the operation resumes automatically. Even if the set time has not elapsed, clicking the START key cancels the batch separation and resumes the operation.

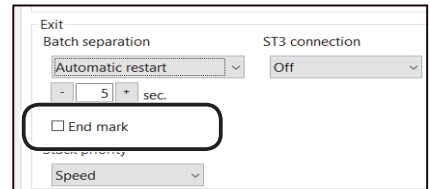


REFERENCE

When **Batch separation** is set to one other than **OFF**, setting items for **End mark** appear. When the check box is selected, the DC-618 process a document with an end mark printed on it and enters the pause feeding mode.

For an end mark, see Chapter 1 [Before Using This Machine](#) in the DC-618 Instruction Manual.

For **Batch separation**, see Chapter 3 [Basic Operations - System](#) in the DC-618 Instruction Manual.

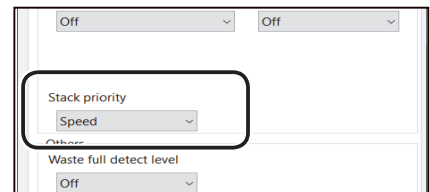


Stack priority

This function sets speed of a finished product to be ejected from the exit of the machine to the exit tray. Select **Alignment** or **Speed**.

Speed: Gives priority to processing speed, which reduces accuracy of alignment of finished products.

Alignment: Gives priority to alignment of finished products, which decreases processing speed.



• **Others**

Waste full detect level

This function detects the amount of waste accumulated in the waste box. If **waste box full** is detected, a **waste box full** message appears on the touch panel.

Select detection level out of **Off**, **Mid**, and **Max**.

Off: Does not detect **waste box full**.

Mid: A message appears when the accumulation of the waste comes to about half of the waste box.

Max: A message appears when the accumulation of the waste comes to about 70% of the waste box.

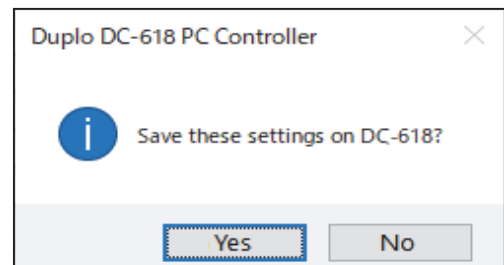
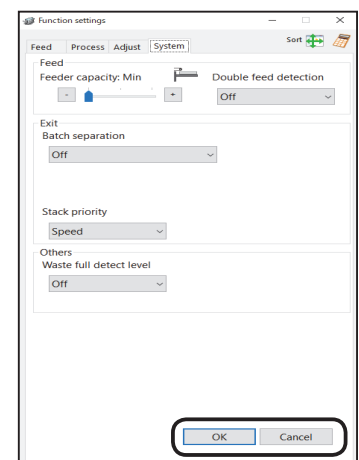


2. Clicking **OK** displays the message as shown on the lower right.

Click **Yes** on the message screen to save the settings and returns to the main screen.

Clicking **No** on the message screen returns to the main screen without saving them.

Clicking **Cancel** clears the changed settings.



Chapter 6

About Import Prepress XML

This chapter describes how to make settings for **Import prepress XML** which converts an XML file exported from the imposition software into a JOB and how to use it.

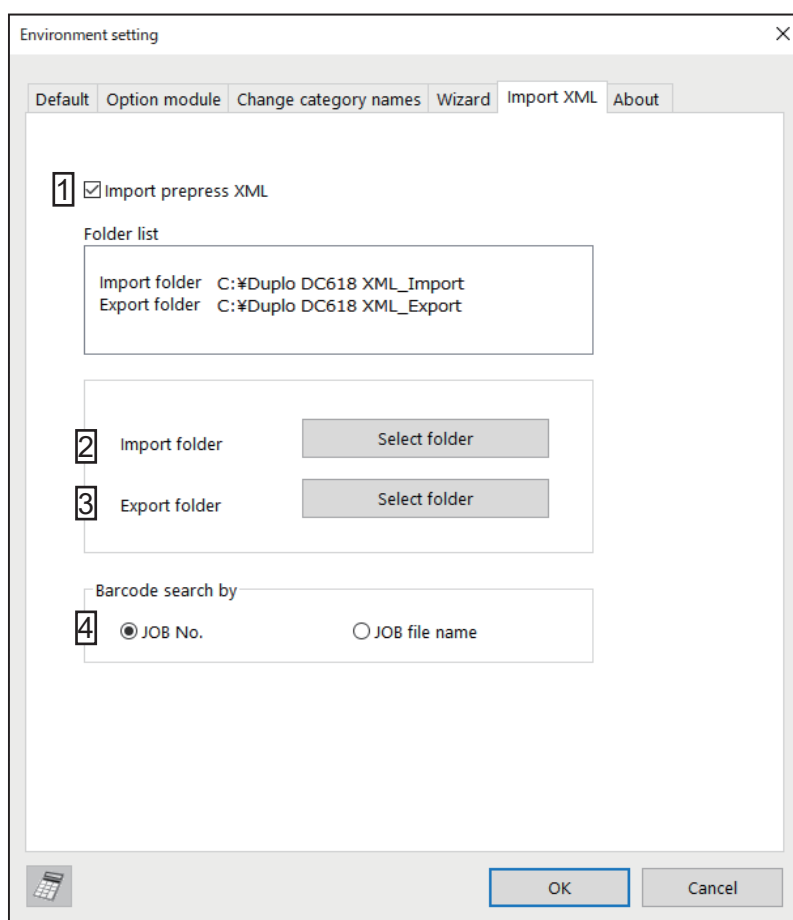
.....	
Setting Import Prepress XML	94
Controlling a JOB Converted from XML	96
XML Tab	96
.....	

Setting Import Prepress XML

Import prepress XML is a function that converts an XML file exported from imposition software into a JOB to save it in the DC-618.

To use this function, imposition software corresponding to **Import prepress XML** is required. For corresponding software, contact our dealer. To use imposition software and make settings for it, refer to the instruction manual for the imposition software.

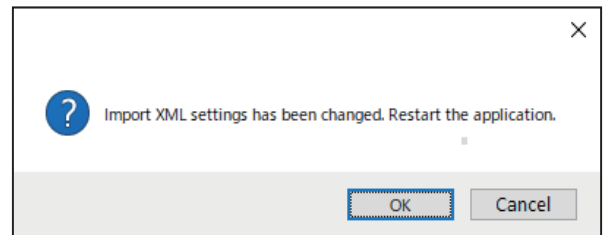
- 1 Following to steps 1 to 2 of Environment (P.64), display the **Environment setting** screen and click the **Import XML** tab.
- 2 The screen as shown below appears. Make settings for each item.



No.	Name	Function
1	Import prepress XML	Selecting the check box activates Import prepress XML . Clearing the check box inactivates Import prepress XML .
2	Import folder	Sets a folder to which an XML file exported by imposition software is imported. The imposition software saves the XML file in this folder.
3	Export folder	Sets a folder in which a file to be exported for the imposition software will be located. The imposition software acquires a file that the PC Controller saved from this folder.
4	Barcode search by	Sets a keyword to search for a JOB on the XML JOB list. (→ P.97 Search JOB No./JOB file name)

REFERENCE

- If the settings on the **Import XML** screen is changed, the message as shown on the right appears.
Click **OK** and restart the application.



- If you change settings for an import folder or an export folder, change those for the imposition software as well.
- If you share an import folder or an export folder over a network, refer to the support information from the operating system that you use.
(For Windows 10, see [File sharing over a network in Windows 10.](#))

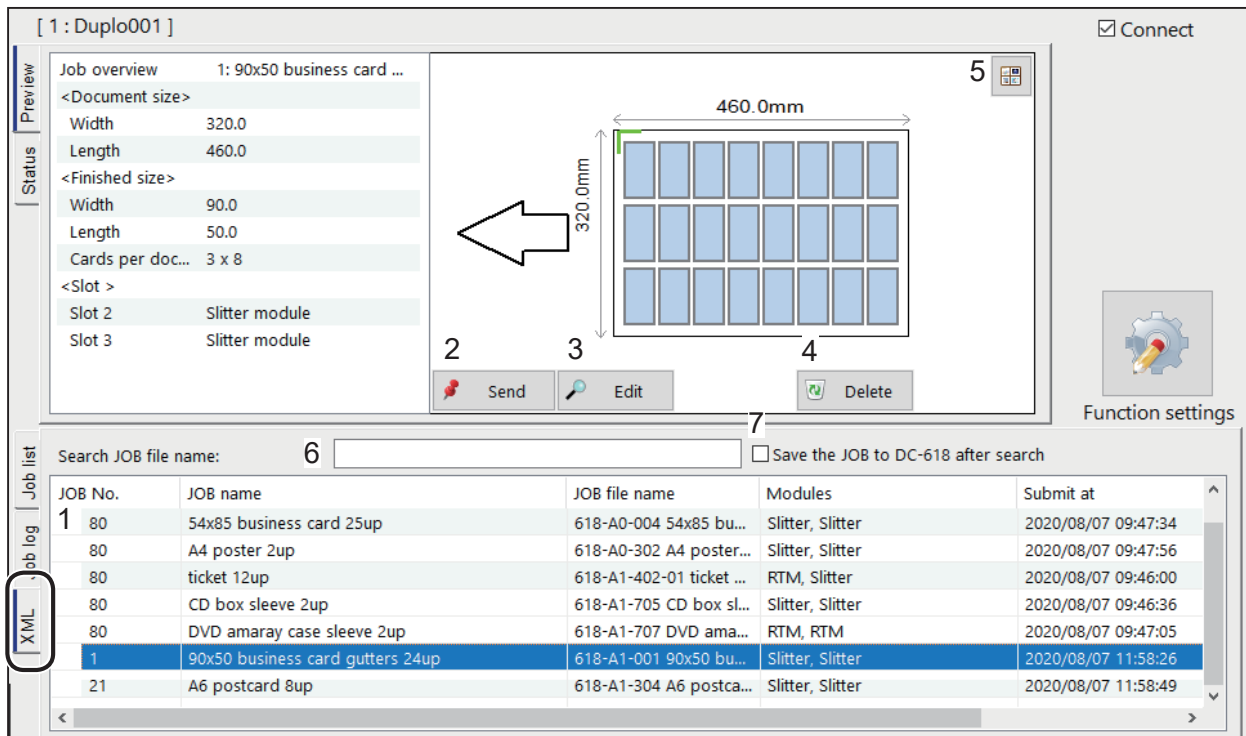
Controlling a JOB Converted from XML

When **Import prepress XML** is activated, the tab for the **XML JOB list** appears on the main screen.

This section describes how to save an XML JOB exported from imposition software in the DC-618, edit it, delete it, and search for it.

XML Tab

Make settings for the JOB by clicking each button.





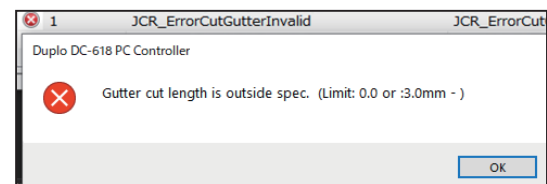
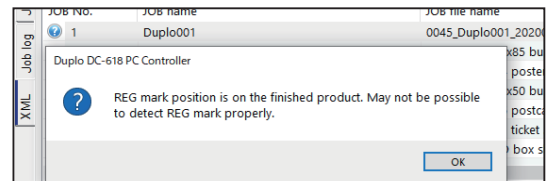
No.	Name	Function
1	XML JOB list	Displays the list of JOBS converted from XML files that are acquired from the import folder.
2	Send	Saves the selected JOB in the DC-618.
3	Edit	Edits the contents of the selected JOB. *The edited contents of the JOB is not converted to an XML file. If the editing for the JOB is not temporary and is to be saved, edit the JOB on the imposition software and retry to export an XML file.
4	Delete	Deletes the selected JOB.
5	Switching images	Switches the display of a print image between a preview display and a print image display.

No.	Name	Function
6	Search JOB No./ JOB file name	<p>When a handy barcode scanner is connected to a computer, selecting this and then scanning a barcode enables you to search a JOB on the XML JOB list. (It is required to make settings on a barcode scanner so that Enter is automatically input after a barcode data is read.) *To set a search filter by a JOB number or by a JOB file name, make settings for it on Barcode search by under Environment setting. (→ P.94 Barcode search by)</p> <p style="text-align: center;">REFERENCE</p> <p>This is corresponded to a barcode scanner with a keyboard interface connected.</p>
7	Save the JOB to DC-618 after search	<p>When this check box is selected, the JOB searched by Search JOB No./JOB file name is saved in the DC-618.</p>

REFERENCE

Either icon as shown below may appear for a JOB in the **XML JOB list** depending on how the JOB is programmed.

- The  icon appears on the left side of a JOB when the settings for the JOB is valid but the finished product might be made in a way different from what you want it to be. If you select the JOB, the message as shown on the right appears. Click **OK** and then select **Send**, **Edit**, or **Delete**.
- The  icon appears on the left side of a JOB if the settings for the JOB is invalid. If you select the JOB, the message as shown on the right appears. Click **OK** to close the message. No operation but to delete this JOB is available.



Chapter 7

Troubleshooting

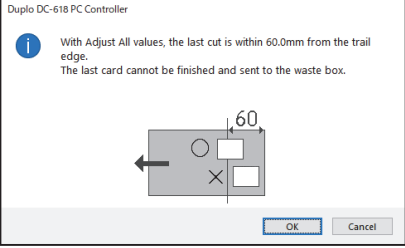
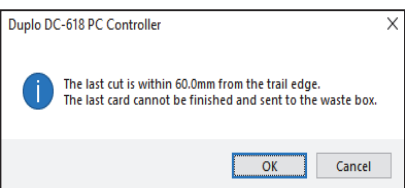
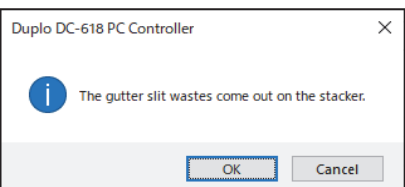
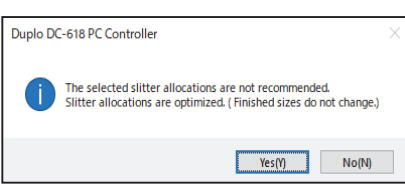
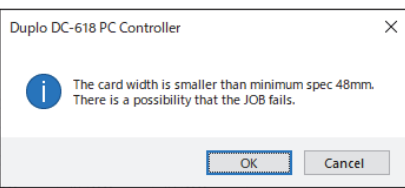
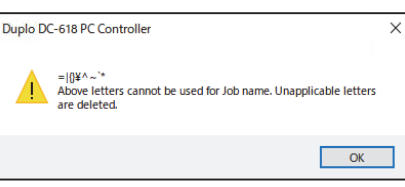
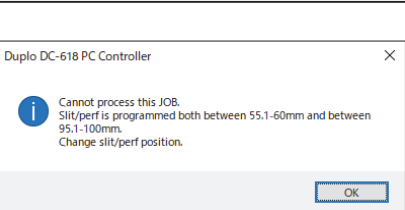
This chapter describes how to deal with errors that may occur during use.

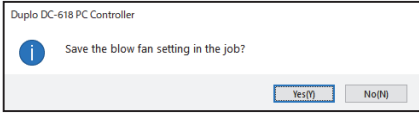
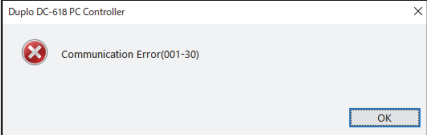
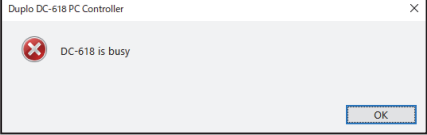
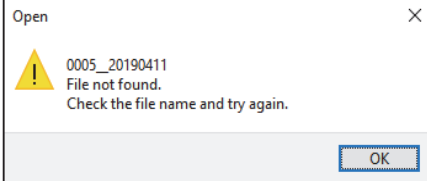
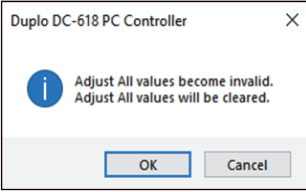
.....

Messages	100
Messages on the System Status	102
When Using the PC Controller with a Tablet	103
If the NUMERIC Keys Are Not Active	104

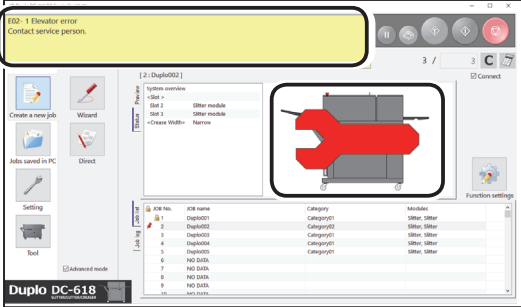
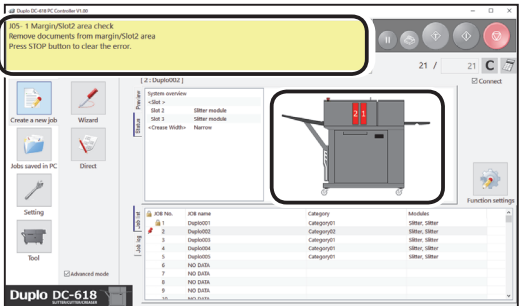
.....

Messages

Message	Status and Solution
	<p>With the values set for Adjust All, the last cut is within 60.0 mm from the trail edge. Re-enter values for Adjust All.</p>
	<p>The last cut is within 60.0 mm from the trail edge. Re-enter a value for the finished product.</p>
	<p>The slitters allocations disable the gutter deflector to drop gutter slits. Although you can continue to process the JOB, the gutter slits are not ejected to the waste box but come out on the exit tray.</p>
	<p>The selected slitter allocations are not recommended to process the JOB. To optimize slitter allocations, click YES. (Finished sizes do not change.)</p>
	<p>The slit positions that make a finished width shorter than 48.0 mm are entered. If a JOB with a finished width of 48.0 mm is processed, a document jam may occur. To continue to process the JOB, re-enter values for a finished product.</p>
	<p>The JOB name contains a character or a letter that cannot be used for a JOB name. Re-enter a name with applicable characters or letters.</p>
	<p>Gutter slit or perforation is programmed both between 55.1-60.0 mm and between 95.1-100.0 mm. Change the gutter slit or perforation position.</p>

Message	Status and Solution
	<p>The blow fan setting is changed while a JOB is being processed. Click YES to save the blow fan setting in the JOB.</p>
	<p>Communication Error (001-***) The PC Controller cannot recognizes the DC-618. Check the following.</p> <ol style="list-style-type: none"> 1. Is the USB cable securely connected to the computer and the DC-618? 2. Is the DC-618 turned ON? 3. Is the device driver for the PC controller installed? (See→P.12 Driver Installation Confirmation) 4. Is the USB cable 3 meters or shorter? <p>Communication Error (002, 003, 004)</p> <ol style="list-style-type: none"> 1. Restart the DC-618 and the computer. 2. Is the USB cable 3 meters or shorter?
	<p>The DC-618 is in operation.</p> <ol style="list-style-type: none"> 1. Either wait for the JOB to be finished or press the STOP key to finish the JOB. 2. The DC-618 is not ready to operate. End function setting, entry, and the JOB select mode, which displays the main menu screen. 3. An error has occurred on the DC-618. Check the message displayed on the control panel and follow the instructions to clear the error.
	<p>The entered file name is not found. Enter the correct name.</p>
	<p>With the Adjust All values adjusted for the processing position entered, the processing position is set out of the specifications. Click OK and clear the value for Adjust All, or click Cancel and re-enter values for Slit, Cut, and Crease.</p>

Messages on the System Status

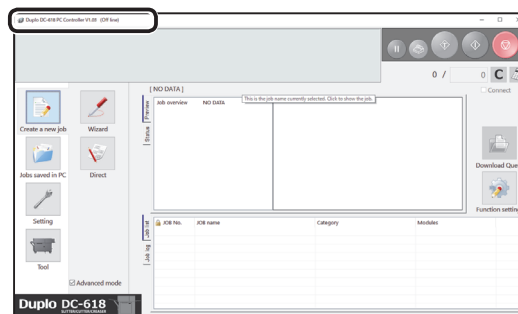
Message	Status and Solution
	<p>Service person call messages: A message appears on the system status.</p> <p>Solution: Turn OFF the power to the DC-618 and turn it ON again in a few seconds. If the same message reappears, take a note of it and contact our service person.</p>
	<p>Other error messages: A message appears on the system status. The area with an error occurred flashes on and off on the status display.</p> <p>Solution: The solution appears on the system status. Follow the instructions to clear the error.</p>

•When the title bar is **OFF LINE**:

The PC Controller cannot communicate with the DC-618.

Check the following to go online.

- Is the DC-618 turned **ON**?
- Is the DC-618 connected to the computer with the USB cable properly?
- Is the device driver for the PC controller installed?
(See→P.12 Driver Installation Confirmation)

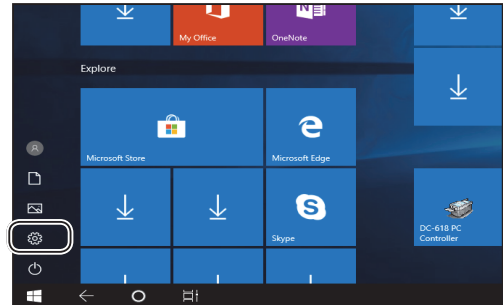


When Using the PC Controller with a Tablet

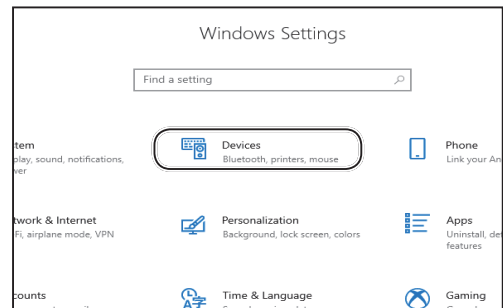
If you are using the PC Controller with a tablet, the touch keyboard may automatically appear on the screen. If you do not use the touch keyboard, follow the procedure below to hide it.

•Windows 10

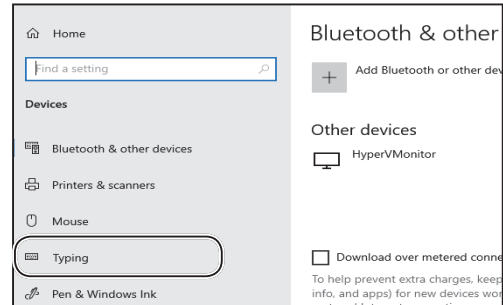
1. Tap **Settings** on the start menu.



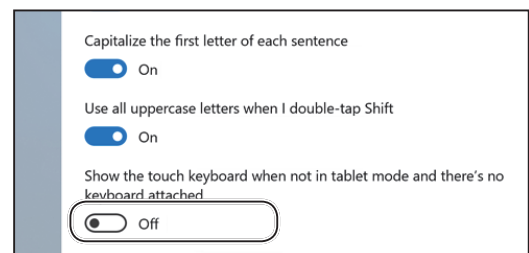
2. Tap **Devices**.




3. Tap **Typing**.




4. Turn the switch **Off** below **Show the touch keyboard when not in tablet mode and there's no keyboard attached** by tapping it.

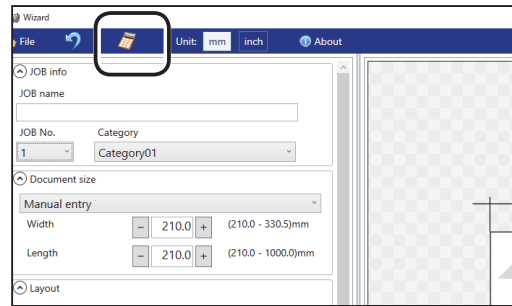


When it is set to **Off**, you can use a touch keyboard by tapping the  icon on the task bar.



If the NUMERIC Keys Are Not Active

If the NUMERIC keys are not active, click the  icon again.
(The figure on the right shows the display on the **WIZARD** screen).



Appendix

This chapter lists an index.

.....

Index.....	106
------------	-----

.....

Index

A		G		
Adjust	86	Gutter	34,71	
Adjust all position	87	H		
Air knife	36,44,81	How to Connect the DC-618 to a Computer ..3		
Apply shrinkage	87	I		
B		If the NUMERIC Keys Are Not Active104		
Backing Up and Restoring a JOB	72	Import	70	
Backup	73	Import prepress XML	94	
Barcode	50,82	Index	106	
Batch separation	90	J		
Before Installation	2	Job Detail Viewer		56
Blow fan	36,46,81	Job List		76
C		Job Log		80
Category	33,42	JOB name		32,42
Checking a JOB on the Main Screen	76	JOB No.		32,42
Checking a Saved JOB	56	L		
Copy	77	Last cut adjustment		88
Crease	34,44	Layout		33,71
Crease depth	37,45,84	Lead mark		35,43,65
Cut	44	M		
Cutter speed	38,46,86	Main Screen		26
Cut trim setting	37,47,84	Messages		100
D		Modules		32,41
DC-618 Barcode	50	P		
Direct	40	PC Controller Installation Procedure		6
Document size	33,42,64	PC Controller Setting		26
Double feed detection	89	PC Controller Uninstallation Procedure ..		16
Driver Installation Confirmation	12	PDF Template		60
Driver Installation Procedure	9	PDF template creator		66
Driver Uninstallation Procedure	19	Save PDF Template file		50
Driver Update	24	Preview		38
E		Process		83
Environment	64	Programming a JOB		30
Export	69	R		
F		REG mark		35,65,82
Feed	81	REG mark spec		35,65
Feeder capacity	89	Restore		75
ferrite core	3			
Function Settings	81			

S

Save as .CSV file	74
Saving a JOB as an XML file	55
Saving a JOB layout as a PDF template file ..	51
Select Unit	41
Setting Default Values for a JOB	63
Side Air	36,46,82
Side mark	35,43,65
Slit	43
Slitter guide	37,45,84
Speed	37,45,86
Stack priority	90
Suction power	44,82
Suction Power	36
System	89

T

Trail cut mode	38,45,85
----------------------	----------

W

Waste full detect level	91
What is PC Controller?	2
When Using the PC Controller with a Tablet ..	103
Windows 8.1	13,17,20
Windows 10	12,16,19
Windows 10 / 8.1	6,9
Wizard	30

X

XML file creator	67
------------------------	----

Duplo Corporation

www.duplo.com

4-1-6 Oyama, Chuo-ku, Sagamihara-shi, Kanagawa 252-5280, Japan

TEL: +81-42-775-3602

FAX: +81-42-775-3606

E-mail: info@duplo.com

Duplo

Z1-Y1353
2020.09