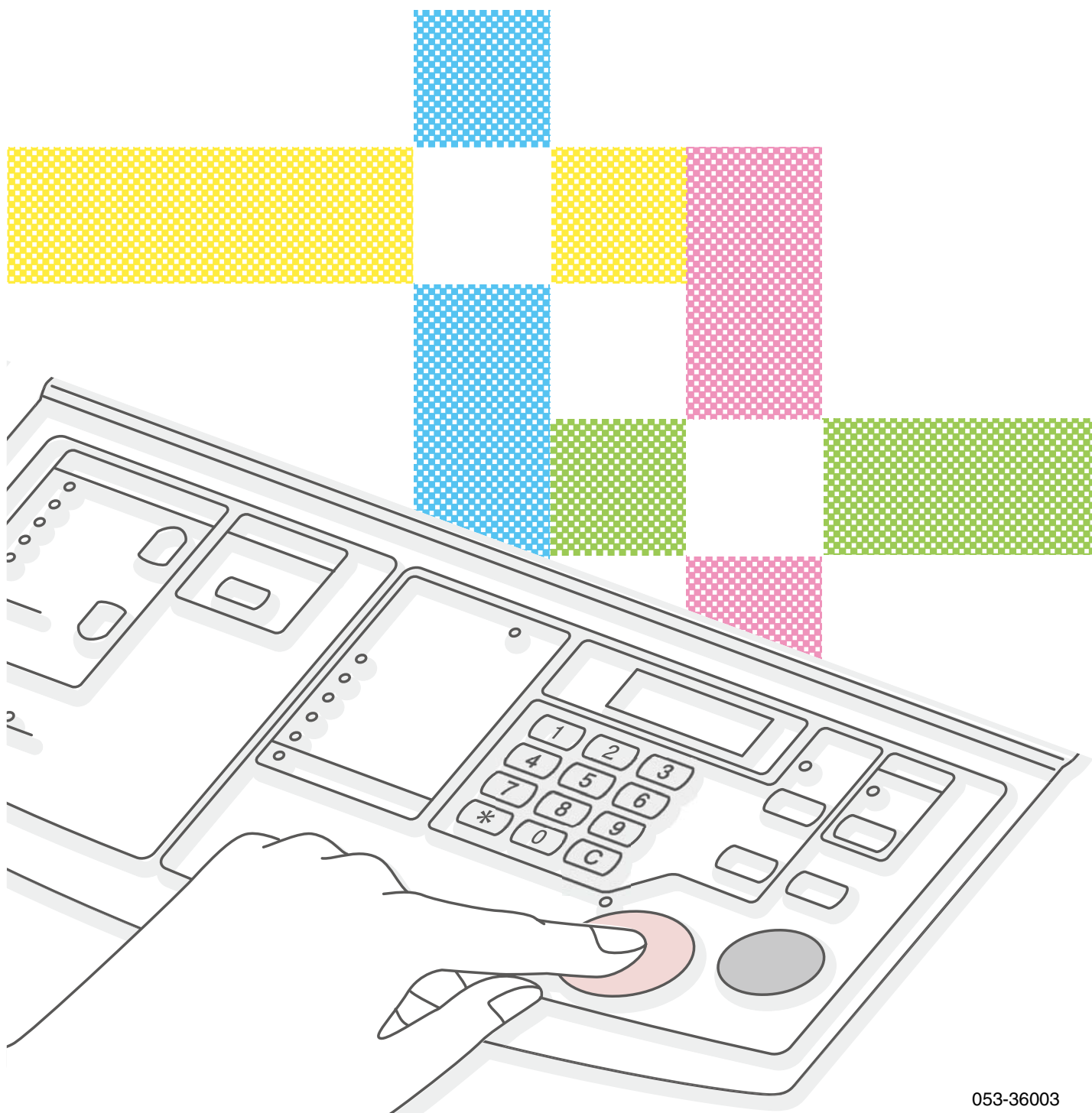




GOCCOPRO 100

User's Guide



Digital Screen Maker

Model: GOCCOPRO 100

The user is cautioned that unauthorized changes or modifications not approved could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Perchlorate Material-special handling may apply,
See www.dtsc.ca.gov/hazardouswaste/perchlorate

This product may contain certain substances which are restricted when disposed.

Therefore, be sure to consult your contracted service dealer.

MASCHINENLÄRM INFORMATION

Maschinenlärminformations-Verordnung 3. GSGV:

Der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäß EN ISO 7779.

Hinweis :

Das Gerät ist nicht für die Benutzung am Bildschirmarbeitsplatz gemäß BildschirmarbeitsV vorgesehen.

Welcome to GOCCOPRO 100

Thank you for purchasing this machine.

This machine is a digital screen maker that can be easily operated.

This guide contains instructions for basic operation of the machine, precautions on use, methods for handling and replacing consumables, and a troubleshooting guide.

Carefully read the guide before using the machine.

Also read this guide if you have any question during use and whenever it is necessary, and make use of it with the machine for many years to come.

This guide is intended for use by RISO, its authorized dealers and purchasers of the equipment described herein. While every effort has been made to ensure the accuracy of information contained in this guide, RISO, its authorized dealers and their employees shall not be held responsible for any inaccuracies it may contain.

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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Although every effort has been made to ensure that the contents of this guide are error-free, please contact us if you notice any errors or other points which should be brought to the company's attention.

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- Microsoft, Windows and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Other corporate names and/or trademarks are either registered trademarks or trademarks of each company, respectively.
- The screens and content appearing in this guide may differ from the actual product.
- The screens and messages appearing in procedures may differ depending on the type of the computer and the application (this guide uses screens of Windows 7).

Riso Kagaku Corporation London Office, 610 Centennial Park, Centennial Avenue, Elstree, Herts, WD6 3TJ U.K.

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This booklet is printed using the RISO ComColor and bound using the Perfect Binder.
The sides are trimmed afterwards.

Characteristics of This Product

This machine is a digital screen maker exclusively designed for RISO Digital Screen Master. The imaged screen can be attached on your frame for use.

Easy Operation

- Since the original data is created on your computer, you can produce an imaged screen just like using with a printer.
- Automatic screen making that does not require emulsion coating, exposure or washout.
- The imaged screen is automatically cut to the designated size.

Useful Functions

- You can set a margin even immediately before making a screen.
- You can easily reproduce an imaged screen of the last output job.

High-resolution Perforation at 600 dpi × 600 dpi

- Since original data created on a computer are directly transferred onto a screen, fine characters and lines can be reproduced with high definition.
- You can adjust the image quality by using the printer driver.

Supports Macintosh

- To connect the machine to your Macintosh, optional "RISO GOCCOPRO Printer Driver for Macintosh" and "RISO Network Card" are required.

Space-saving Design

- A compact body that can be placed beside the desk.

Column

Screen reproduction / storage function

The last output job is stored in the machine until it receives the new original data. If you want to reproduce an imaged screen using the same original data that you produced in the last job, you can reproduce it by simply pressing the <STORAGE> Key on the machine without transmitting the original data from your computer again.

Every time new original data is received, the produced and stored data in the machine will be erased. Therefore, only the original data that you output in the last job will always be used to reproduce an imaged screen.

When you want to repeatedly reproduce an imaged screen, we recommend making the machine offline by pressing the <ONLINE> Key in order to prevent the machine from receiving new original data.


Turning off the power switch will also erase the stored data.

The Notation in This Guide


In this guide, notations are used in the following manner.

Indication of Precautions

The following icons are used throughout the guide.

**WARNING**

Ignoring this warning could cause death or serious injury.

**Caution**


Ignoring this caution could cause injury or damage to property.

Important!

Indicates items that require special attention or that are prohibited actions.
Read carefully and follow the directions as instructed.

Note

Gives you useful information.

**Ref.**


Indicates a reference page.

Indication of Descriptions of Operations and Functions

Descriptions of functions and operations are indicated as follows.

Setting a New Screen Master Roll

Set a Screen Master Roll in the machine.
If the <REPLACE MASTER> indicator on the Control Panel is lit, also perform the following procedure to replace the screen master.

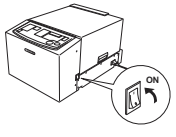
 <REPLACE MASTER> Indicator

Important!

- For the Screen Master Roll, it is recommended to use the products specified by Risco.
- Keep the power On while replacing the Screen Master Roll.

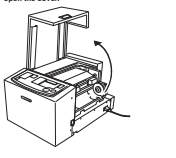
1

Turn on the machine.



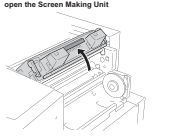
2

Hold the Screen Making Unit Cover Handle and open the cover.



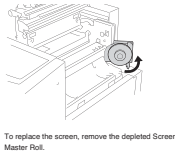
3

Grasp the Screen Making Unit Open Lever and open the Screen Making Unit




4

Open the Screen Master Roll Holder.

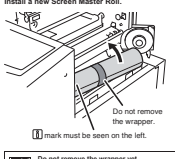


To replace the screen, remove the depleted Screen Master Roll.

Important! Dispose the depleted Screen Master Roll according to the disposal rule of your local community.
 See "Disposal of a Depleted Screen Master Roll" on page 83

5

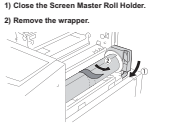
Install a new Screen Master Roll.



Important! Do not remove the wrapper yet.
mark must be seen on the left.

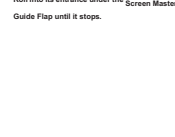
6

1) Close the Screen Master Roll Holder.
2) Remove the wrapper.



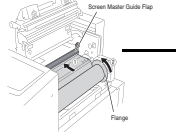
7

1) Insert the leading edge of the Screen Master Roll into its entrance under the Screen Master Guide Flap until it stops.



2)

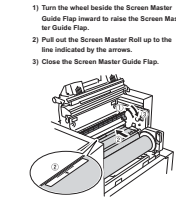
If the screen master is loose, turn the flange at the right inward to rewind.



Screen Master Guide Flap
Flange


Note

If you cannot insert the leading edge of the screen master well:
1) Turn the wheel beside the Screen Master Guide Flap inward to raise the Screen Master Guide Flap.
2) Pull out the Screen Master Roll up to the line indicated by the arrows.
3) Close the Screen Master Guide Flap.



8

Close the Screen Making Unit.



9

Close the Screen Making Unit Cover.

Chapter title

Operating procedure

Operation illustration

An operating procedure is described in steps. Follow these steps to perform operation.

Shows a part related to the operation described in the respective step. A screen on the Control Panel of the machine or on the computer is displayed.

| 3 |

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Introduction

This section describes matters you should know before using the machine and precautions you should follow.

Safety Guide

This section describes matters you should know before using the machine, including precautions on the location for installing the machine and on the power supply. Be sure to read this section before using the machine.

Installation

Caution

- Place the machine on a flat and stable surface (maximum of 3/8" / 10 mm differential allowed). Injury might occur if the machine falls.
- Keep the machine away from dusty or humid environments. Failure to do so may result in fire.

Important!

- **This machine is designed to be installed in a fixed location.**
- **Avoid installing the machine in the locations listed below.**
Failure to observe this precaution may result in malfunction or accident.
 - **Locations with exposure to direct sunlight and bright locations such as that close to windows (if such locations are unavoidable, shield windows with curtains or the like)**
 - **Locations subject to sudden temperature changes**
 - **Hot and humid locations or cold and dry locations**
 - **Locations with fire or heat, and locations directly exposed to cold air, hot air, or radiant heat**
 - **Locations with poor ventilation**
 - **Locations with much dust**

Power Connection

WARNING

- Do not overload the electrical outlet or extension cord, nor damage the power cord by placing heavy objects on it or pulling or bending it. This can result in fire or electric shock.



- Depending on the voltage used, the specifications of available power cords and extension cords vary. Erroneously using a power cord or extension cord may result in fire or electric shock.
 - The length of the power cord and the extension cord must be within 14.75 feet / 4.5 m and 15 feet / 5 m, respectively.
 - If the Voltage Changeover Switch is in the 220 V to 240 V position when using the machine, use a cable with specifications of 250 V/5 A or more, and make sure its length is within 15 feet / 5 m.
 - If the Voltage Changeover Switch is in the 100 V to 120 V position when using the machine, use a cable with specifications of 125 V/8 A or more, and make sure its length is within 15 feet / 5 m.
- Do not plug or unplug the power cord if your hands are wet. This can result in electric shock.

Caution

- Do not pull the power cord but hold the plug itself when unplugging it. This can damage the cord and result in fire or electric shock.
- If the machine is not used for a long period such as holidays, be sure to disconnect the power plug from the outlet for safety.
- Pull out the power plug from the electrical outlet more than once a year and clean the prongs of the plug and their surroundings. Dust collected on these areas can result in fire

Ground Connection

WARNING

- Be sure to insert the power plug with a ground conductor into the wall outlet with a ground receptacle. Do not use the machine if it is not grounded. It may result in fire or electric shock.

Handling and Operation

Operation Environment

Important!

- The appropriate environment requirements are as follows.
- Temperature range: 59°F to 86°F / 15°C to 30°C
- Humidity range: 40% to 70% (no condensation)



Machine Handling

! WARNING

- Do not place water containers or metallic objects on the machine. Fire or electric shock may occur if water or metallic objects fall into the machine.
- Do not use a combustible spray and flammable solvent near the machine. If sprayed gas and the flammable solvent contacts electronic components inside the machine, fire or electric shock might occur.
- Do not insert any metallic or flammable substance into the machine through any opening. This can result in fire or electric shock.
- Do not remove machine covers. Exposing internal parts may result in electric shock.
- Do not disassemble or rebuild the machine by yourself. This can result in fire or electric shock.



- If the machine emits excessive heat, smock or foul odor, immediately turn off the POWER, unplug the power cord and contact your dealer. Failure to do so can result in fire or electric shock.
- If something drops inside the machine, immediately turn off the POWER, disconnect the power plug from the outlet, and contact your dealer. Failure to do so can result in fire or electric shock.

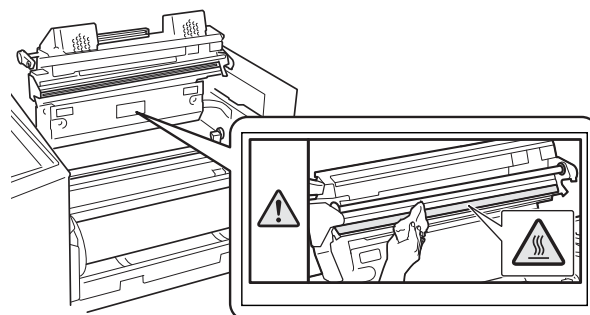


! Caution

- Never put your finger into an opening near the Imaged Screen Outlet. This may cause injury.
- If lifting or moving the machine, be sure to hold the bottom of the main unit. Holding the upper part of the main unit may cause it to fall and result in injury.
- Do not directly touch the thermal print head with your fingers. The thermal print head may be heated and cause burns.


Locations of Caution Labels

This machine has some caution labels to ensure safe operation. Follow the indications of those labels and use this machine safely.



Precautions on Connection

Precautions for Connecting with the Power Supply

- To prevent loose connection of the power plug, securely connect the plug to the outlet. 
- Install the machine near the outlet.
- This machine is equipped with the "Auto Power off" function which automatically turns off the POWER of the machine when it has not been used for a certain period with the POWER turned on.
▶ Ref. "Settings for More Convenient Use" on page 45
- Do not touch the Voltage Changeover Switch located on the left of the Power Connector (AC inlet). If intending to change the power supply, contact your dealer. Erroneously changing the voltage may cause failure.

The Power Cord and an Extension Cable

- If the Voltage Changeover Switch is in the 100 V to 120 V position when using the machine, use cable with specification of 125 V/8 A or more.
- If the Voltage Changeover Switch is in the 220 V to 240 V position when using the machine, use a cable with specifications of 250 V/5 A or more.

The Printer Driver

This printer driver is designed for screen making by transmitting original data from your computer.

The printer driver is contained in the included CD-ROM. When making a screen master for the first time, it is necessary to install the printer driver.

This printer driver supports the following OS:

- Windows® 10 (32-bit/64-bit)*
- Windows® 8.1 (32-bit/64-bit)*
- Windows® 8 (32-bit/64-bit)*
- Windows® 7 (32-bit/64-bit)
- Windows® XP (32-bit)
- Windows Vista® (32-bit/64-bit)

* Only compatible with desktop app

Precautions on the Connection with a Computer

- Before using the machine, be sure to install the printer driver from the included CD-ROM.

Important! Do not connect the machine with the computer before installing the printer driver.

- This machine must be connected with a computer via a commercially available USB cable (10 feet / 3 m or less, compliant with Hi-Speed USB). For details, see "USB cable Connection" on page 22.

Note If the optional network interface card "RISO Network Card" is installed, the machine can be connected with a Macintosh computer. For details, see the User's Guide of RISO Network Card.

Precautions on Use

Precautions on the Handling of the Machine

- Do not open the Screen Making Unit Cover or move the machine during operation.
- Gently open or close the Screen Making Unit Cover and the Imaged Screen Tray.
- Do not place heavy objects on the machine. The objects might fall and cause injury.
- This machine has precision parts and driving mechanism. Do not handle the machine in other way than described in this guide.

Important! Do not turn off the POWER or disconnect the power plug during operation.

Storing the Screen Master

- Properly store the screen master. Avoid storing it in the following places.
 - Locations with exposure to direct sunlight and bright locations such as that close to windows (if such locations are unavoidable, shield windows with curtains or the like)
 - Locations subject to sudden temperature changes
 - Hot and humid locations or cold and dry locations



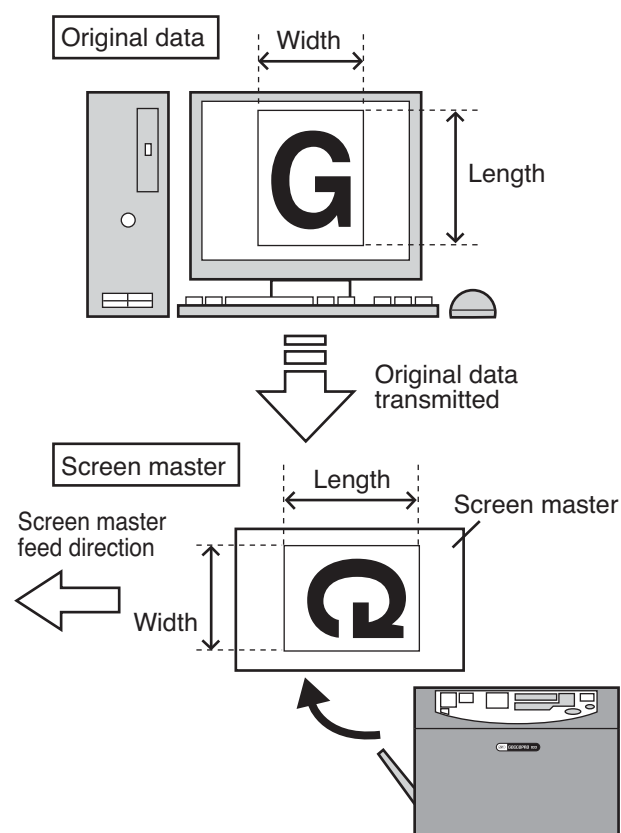
How to Produce an Imaged Screen from Original Data other than of Standard Size

To specify an original size other than the standard size, be sure to register the original size other than the standard size set for the dedicated printer driver in advance.

▶ Ref. "Registering Original Size" on page 72

The Image Area

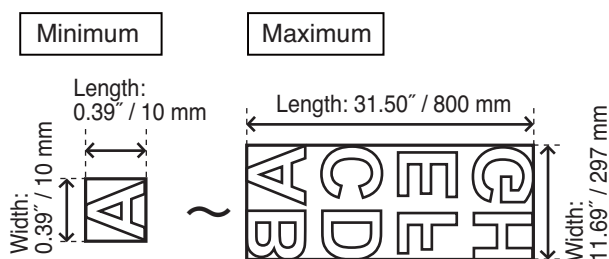
The relationship between the direction of the original data created on the computer and the direction of the original data transferred onto a screen is as follows.



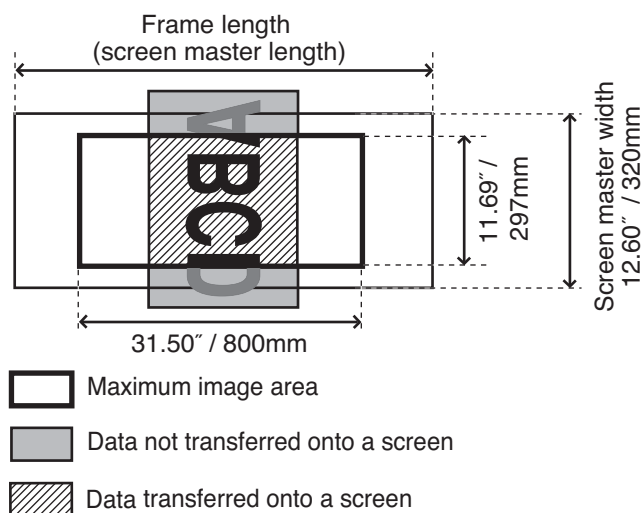
Important! For screen making, a Screen Master with the same length as the used frame is used. The original data is to be placed in the center of the frame used regardless of the size when it was created.

Image Area

- Minimum Image Area: 0.39" (width) × 0.39" (length)/
10 mm (width) × 10 mm (length)
- Maximum Image Area: 11.69" (width) × 31.50" (length)/
297 mm (width) × 800 mm (length)



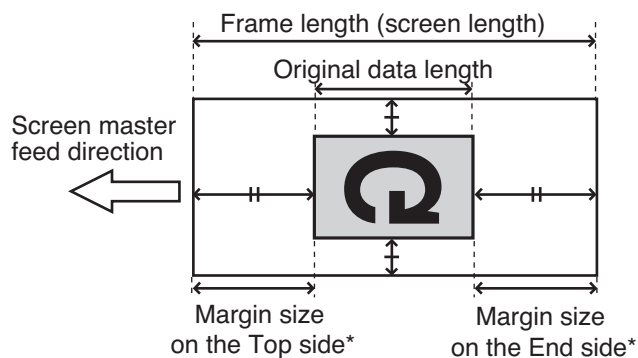
If the size of the original data exceeds the maximum width 11.69" / 297 mm of the image area, any part outside the image area will not be transferred to the screen.



The Margin Size Required for Screen Making

Since the original data is to be placed in the center of the frame used when an imaged screen is produced, margins are left on the Top and End sides of the original data. Margins are required on both the Top and End sides as spaces for attaching the imaged screen to the frame and apply inks.

The margin size is automatically calculated based on the size or length of the frame used and the size of the original data.



* The margin sizes on the Top and End sides can be arbitrarily set.

The size of the margin required for each frame type is as indicated in the table below. The frame used can be selected using the <FRAME SELECT> Key on the Control Panel.

If the margin size is insufficient during screen making, an <LENGTH> error occurs and an imaged screen cannot be produced.

▶ Ref. "When an Error Indicator Lights" on page 62

Frame type	Margin size on the Top side	Margin size on the End side	Method for margin size setting
Frame 1 - 5	2.4" / 60 mm or more	2.4" / 60 mm or more	The margin size is automatically calculated from the frame length and the original size. You cannot arbitrarily set the margin size. The frame length is set in Custom Setting mode. ▶ Ref. "How to Register a Frame" on page 50
MINIMUM (Minimum Margin)	2.4" / 60 mm fixed	0.6" to 1.2" / 15 mm to 30 mm	Reduce the margin on the End side. The margin is set in Custom Setting mode. ▶ Ref. "How to Register a Frame" on page 50
MANUAL (Arbitrary Margin)	2.4" to 8.0" / 60 mm to 200 mm	0.6" to 8.0" / 15 mm to 200 mm	Select the Top side or the End side of the original data using the <MANUAL> Key, and enter an arbitrary margin size using the 0 to 9 Keys.

Column

When Making a Screen from a Landscape-oriented Original:

Pay attention to the size of the original data. Any part outside the image area will not be transferred onto the screen. If the left or right end of the original is outside the image area, take the following action.

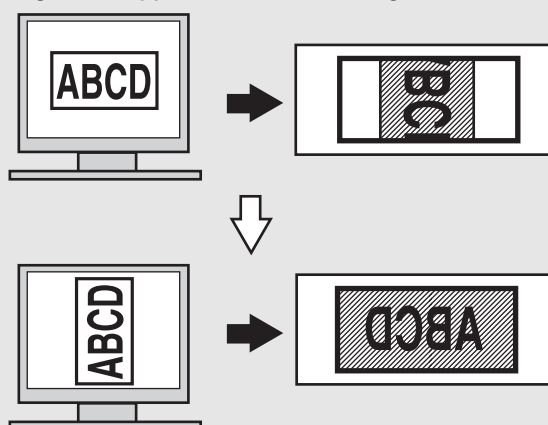
- Perform "Original size entry" of the printer driver to register an original size with the length and width of the original interchanged in advance.

▶ Ref. "Registering Original Size" on page 72

- Rotate the original by 90° using a function of the application software before making a screen.

Setting of the application

Imaged screen



Materials Not to Be Printed

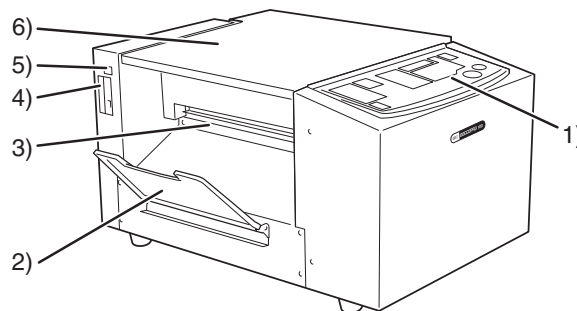
Do not use the machine in any manner which violates the law or infringes on established copyrights, even when making copies for personal use. Consult your local authorities for further details. In general, use discretion and common sense.

Names and Functions of Parts

This section describes the names and functions of parts of the machine.

Main unit

Imaged Screen Outlet side



1) Control Panel

Performs operations such as starting screen making and changing settings of the machine.

▶ Ref. "Control Panel" on page 16

2) Imaged Screen Tray

Receives an imaged screen.

To store it in the machine, tilt it toward the Imaged Screen Outlet side.

3) Imaged Screen Outlet

Ejects an imaged screen. An imaged screen is cut to a designated size.

4) Ethernet Port

Used when adding the optional "RISO Network Card".

5) USB Port

Connect a computer to this port using a commercially available USB cable.

▶ Ref. "USB cable Connection" on page 22

6) Screen Making Unit Cover

Opens to allow screen master replacement and maintenance of the machine interior.

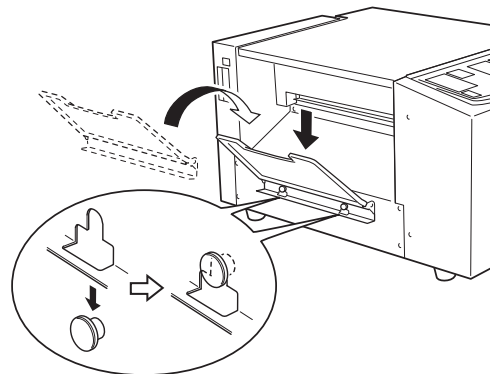
▶ Ref. "Setting a New Screen Master Roll" on page 20

Attaching / Removing the Imaged Screen Tray

The Imaged Screen Tray can be removed.

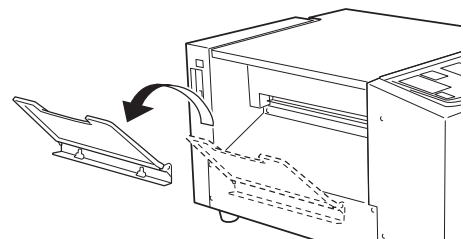
● How to Attach It

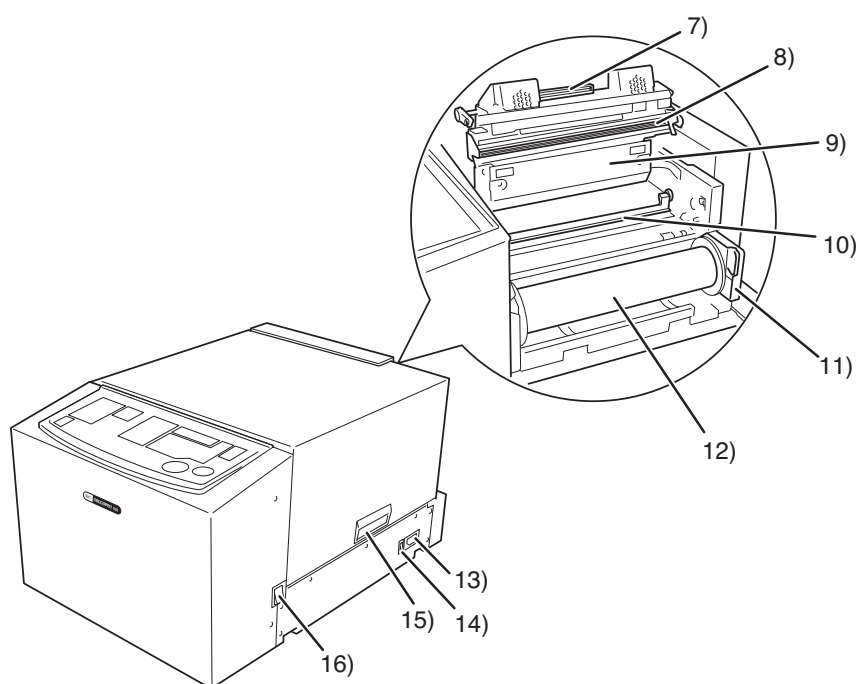
Fit the 2 fitting holes of the Imaged Screen Tray over the 2 projections at the Imaged Screen Outlet.



● How to Remove It

Lift the Imaged Screen Tray to remove it.



Power Switch Side
**7) Screen Making Unit Open Lever**

To open the Screen Making Unit for screen master replacement or the like, hold this lever to release the lock.

8) Thermal Print Head

Perforates a screen according to the original data.

9) Screen Making Unit**10) Screen Master Guide Flap****11) Screen Master Roll Holder**

Secures a Screen Master.

12) Screen Master Roll**13) Power Connector****14) Voltage Changeover Switch**

You can switch the input voltage between 100 - 120V and 220 - 240V according to the service environment. If switching the voltage, contact your dealer.

15) Handle

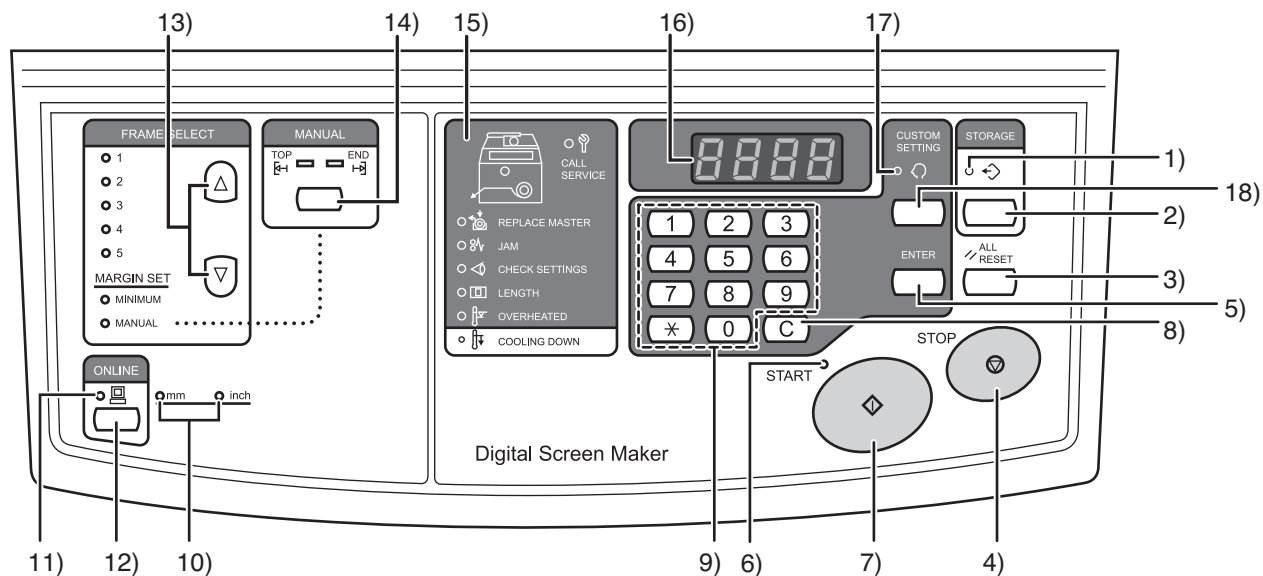
Hold it to open/close the Screen Making Unit Cover.

16) Power Switch

Control Panel

From the Control Panel, you can start screen making and change frame size and margin settings.

Lighting and blinking of the indicators will also let you know the conditions of the machine.



1) <STORAGE> Indicator (Reproduction Indicator)

Lights when original data transferred onto a screen is stored in the machine.

2) <STORAGE> Key (Reproduction Key)

Pressing it when the <STORAGE> Indicator is lighting will reproduce a screen of stored data.

▶ Ref. "Screen reproduction / storage function" on page 2

3) <ALL RESET> Key

Used to return the setting made on the Control Panel to the initial set value, or cancel trouble after troubleshooting is completed.

4) <STOP> Key

Stops the operation being executed.

Pressing and holding it (from more than one second) during screen making will interrupt screen making.

5) <ENTER> Key

Used when making settings in Custom Setting mode or fixing a margin size.

▶ Ref. "Settings that Can be Made in Custom Setting Mode" on page 46

6) <START> Indicator

Lights when the received original data has become ready for screen making.

7) <START> Key

Starts screen making.

8) <C> Key

Deletes the value indicated on the display.

9) 0 to 9 Keys

Enter numerical values.

10) <inch / mm> Indicator

Indicates currently selected unit. The unit can be changed in Custom Setting mode.

▶ Ref. "Settings that Can be Made in Custom Setting Mode" on page 46

11) <ONLINE> Indicator

Indicates the state of connection with the computer.

Lit: Can receive original data from the computer (online)

Not lit: Cannot receive original data (offline)

Blinking: Receiving original data

12) <ONLINE> Key

Switches between online and offline.

Important! Switching to offline while original data is being received (<ONLINE> Indicator is blinking) or when there is original data in the screen-making queue (<START> Indicator is lit) will delete these original data.

13) <FRAME SELECT> Key

Select a frame to be used from registered frames 1 to 5, MINIMUM or MANUAL. Each time you press the ▲ / ▼ key, the frame is changed, and the indicator for the selected frame lights. The frame size must be registered in advance.

▶ Ref. "How to Register a Frame" on page 50

14) <MANUAL> Key

When <MANUAL> is selected in <FRAME SELECT>, any margin size can be set. Each time you press the key, the side (Top side / End side) where the margin size is set switches to the other. The margin size can be entered from the 0 to 9 Keys.

15) Check & Error Display

Shows the location and type of error by lighting the respective indicator.

▶ Ref. "When an Error Indicator Lights" on page 62

16) Display

Shows information such as numerical values and frame length entered in various settings, and an error number in case of error.

17) <CUSTOM SETTING> Indicator

Lights in "Custom Setting mode" in which the initial settings can be changed.

18) <CUSTOM SETTING> Key

Press it to enter or exit Custom Setting mode.

▶ Ref. "How to Make Settings in Custom Setting Mode" on page 49

Column**How to Use the Offline Mode**

While the <ONLINE> Indicator is lit, pressing the <ONLINE> Key enables you to switch from online mode (original data can be received from the computer) to offline mode (original data cannot be received from the computer).

Switch to offline mode in the following cases.

- Deleting original data erroneously transmitted from the computer
- Repeatedly produced an imaged screen using "reproduction data" (prevents new original data from being received)

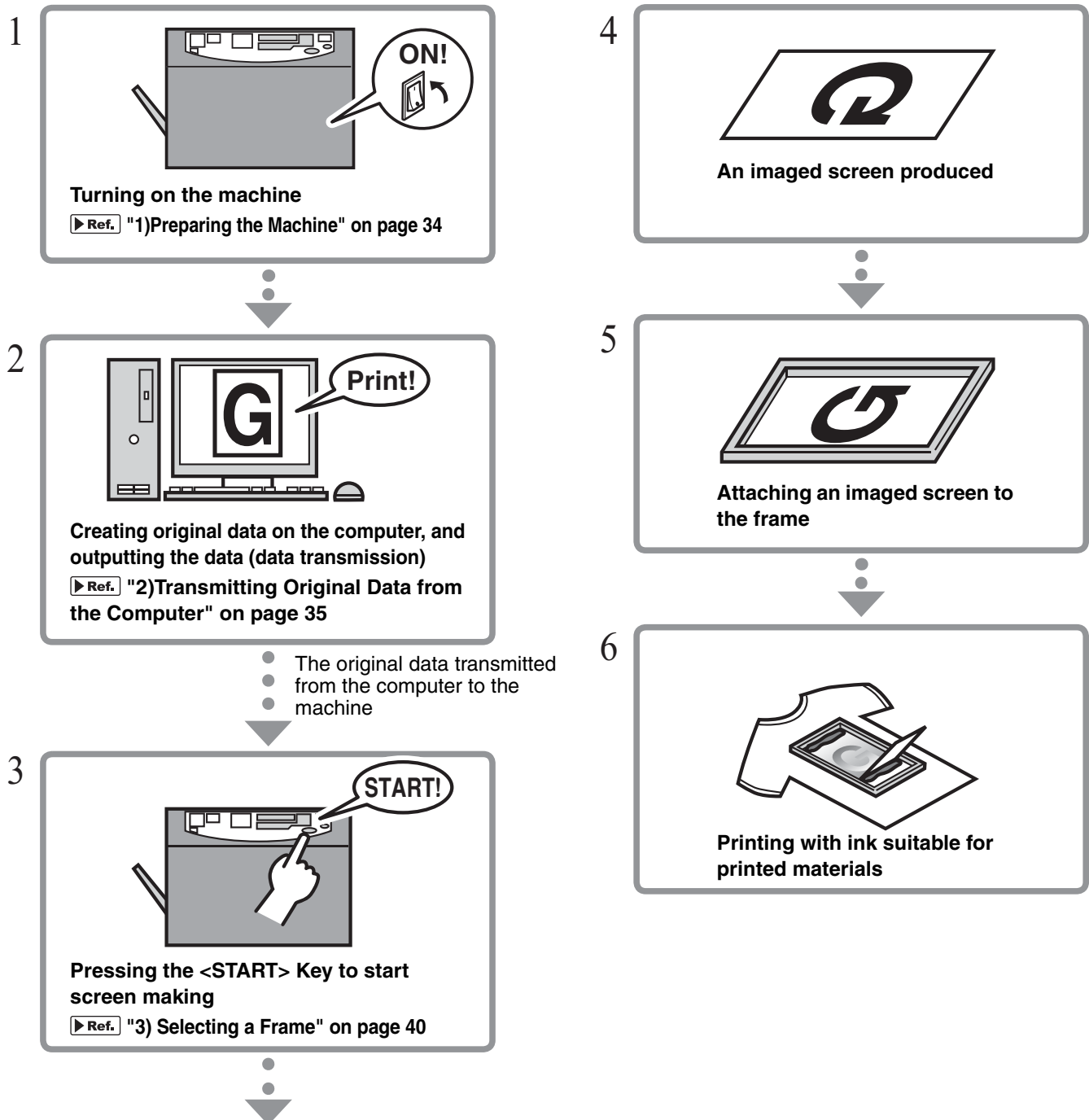
If desiring to repeatedly produce an imaged screen using reproduction data, perform the following steps.

- 1) Produce an imaged screen online.
- 2) Check that the <STORAGE> Indicator is lit.
The original data used for screen making in step 1) will be stored as reproduction data.
While an imaged screen is produced on online mode and another original data with the [Auto Screen Making] is setting to [ON] in the printer driver is received, the previous stored data may be erased.
- 3) Press the <ONLINE> key to switch to offline mode.
New original data will not be received until switching to online mode.
- 4) Press the <STORAGE> Key.
Reproduction data will be transferred onto a screen.

Basic Process from Screen Making to Printing

The basic process from the screen making on the machine using original data created on the computer to the printing is as follows.

This User's Guide describes the process until Step 4.



1

Preparations for Use for the First Time

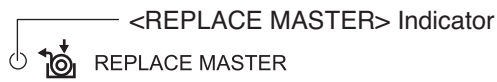
**To use the machine for the first time after installing it,
the following preparations must be made.**

- Setting a New Screen Master Roll [▶Ref.](#) page 20
- Installing the Printer Driver [▶Ref.](#) page 22

Setting a New Screen Master Roll

Set a Screen Master Roll in the machine.

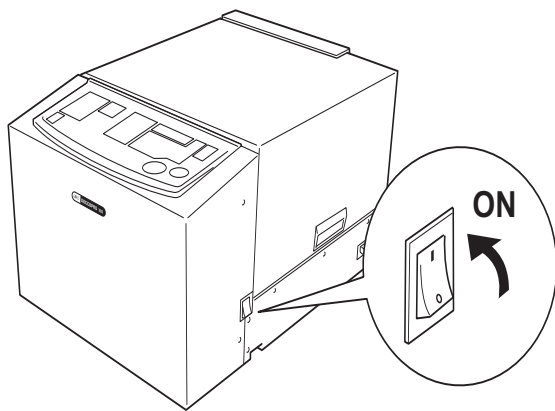
If the <REPLACE MASTER> Indicator on the Control Panel is lit, also perform the following procedure to replace the screen master.



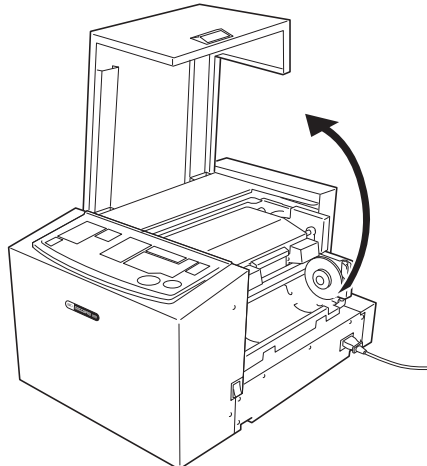
Important!

- For the Screen Master Roll, it is recommended to use the products specified by Riso.
- Keep the power ON while replacing the Screen Master Roll.

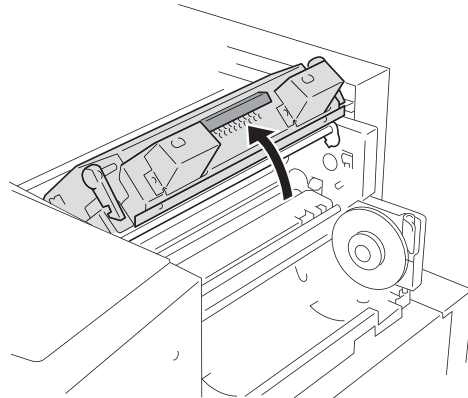
1 Turn on the machine.



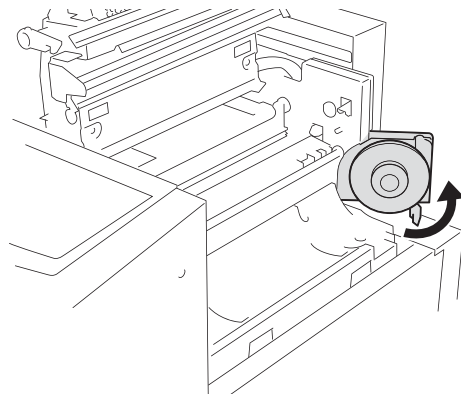
2 Hold the Screen Making Unit Cover Handle and open the cover.



3 Hold the Screen Making Unit Open Lever tightly and open the Screen Making Unit



4 Open the Screen Master Roll Holder.



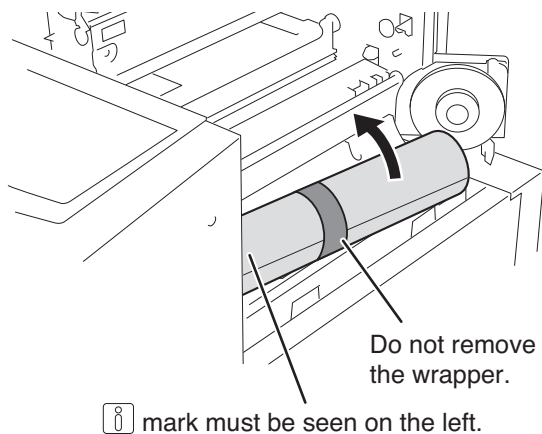
To replace the Screen Master Roll, remove the depleted Screen Master core.

Important!

Dispose the depleted Screen Master core according to the disposal rule of your local community.

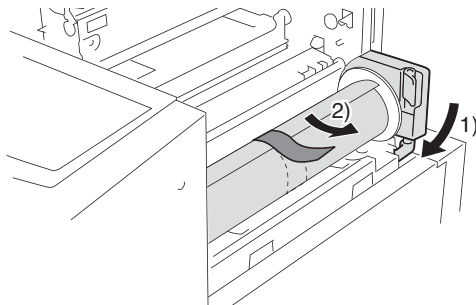
▶ Ref. "Disposal of a Depleted Screen Master Roll" on page 86

5 Set a new Screen Master Roll.

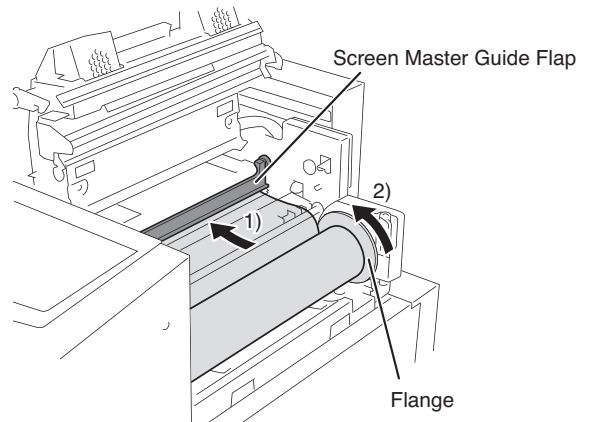


Important! Do not remove the wrapper yet.

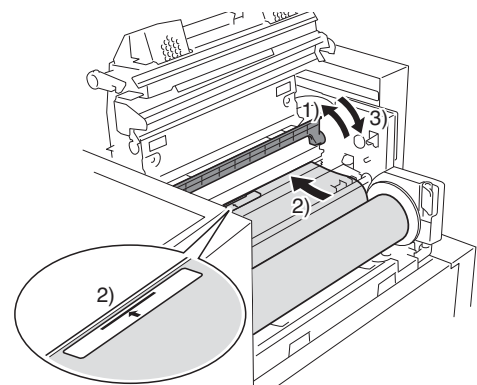
6 1) Close the Screen Master Roll Holder. 2) Remove the wrapper.



7 1) Insert the leading edge of the Screen Master Roll into its space under the Screen Master Guide Flap until it stops. 2) If the screen master is loose, turn the flange at the right inward to rewind.



- Note** If you cannot insert the leading edge of the screen master well:
- 1) Turn the wheel beside the Screen Master Guide Flap inward to raise the Screen Master Guide Flap.
 - 2) Pull out the Screen Master Roll up to the line indicated by the arrows.
 - 3) Close the Screen Master Guide Flap.



8 Close the Screen Making Unit.

9 Close the Screen Making Unit Cover.

Installing the Printer Driver

The installation procedure varies with the method for connection between the machine and the computer. See the installation procedure that matches the connection method.

- USB cable Connection
 - ▶ Ref. "USB cable Connection" on page 22
 - Network Connection (LAN)
 - ▶ Ref. "Network Connection (LAN)" on page 31
-

USB cable Connection

This section describes how to install the printer driver for windows supporting the Plug&Play installation when your computer and the machine are connected via USB cable.

Before Installation

- Use a commercially available USB cable (10 feet / 3 m or less, compliant with Hi-Speed USB).
The maximum allowable voltage for USB connector input and output is 5 V.

- Be sure to set a Screen Master Roll in the machine.

▶ Ref. "Setting a New Screen Master Roll" on page 20

Important!

- To install the printer driver, it is necessary to log on to Windows by the account with the authority to change the system setting (administrator, etc.).
- This printer driver does not support server OS or printer sharing.

Note

For the procedure of manual installation, see "Manually Installing the Printer Driver" on page 73.

- For Windows 10 / Windows 8.1 / Windows 8 / Windows 7 / Windows Vista
To update the printer driver, change cable connections or reinstall a printer driver of the same series, deletion of the driver package is required. Uninstall the installed printer driver manually before new installation.

▶ Ref. "In Case of Manually Uninstalling the Printer Driver" on page 84

Installation Procedure

- Important!**
- Be sure that the machine and computer are not connected by a USB cable.
 - For Windows 7 (64-bit) / Windows Vista (64-bit), perform "Creating a USB Port" in advance.
- ▶ **Ref.** "Creating a USB Port" on page 29

- 1 Turn on the computer.
- 2 Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.
The installer is automatically started.
If the installer does not start up, double-click on the [Setup(.exe)] file in the folder below.

For Windows (32-bit)

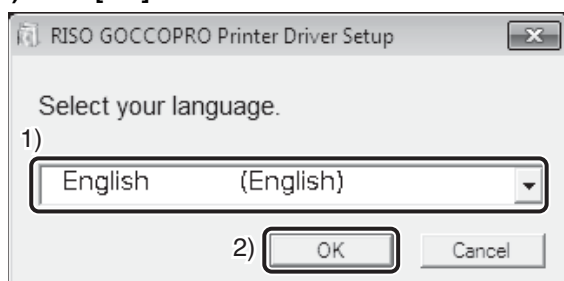
(CD-ROM) - [Windows 32-bit] folder

For Windows (64-bit)

(CD-ROM) - [Windows 64-bit] folder

Note If the [User Account Control] dialog box appears, click [Yes] or [Allow] (For Windows Vista),

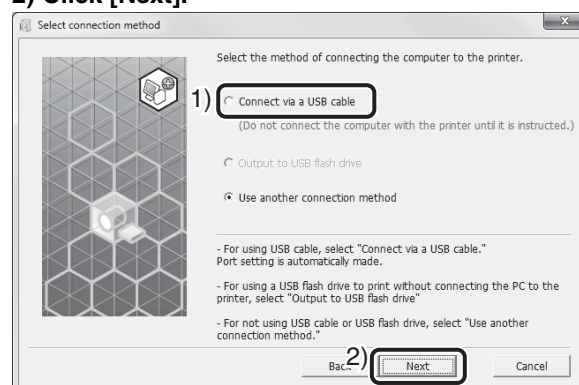
- 3
 - 1) Select your language from the drop-down list.
 - 2) Click [OK].



- 4 When [Before installation] dialog box appears, click [Next].

For Windows 7 (64-bit) / Windows Vista (64-bit):
Proceed to step 18.

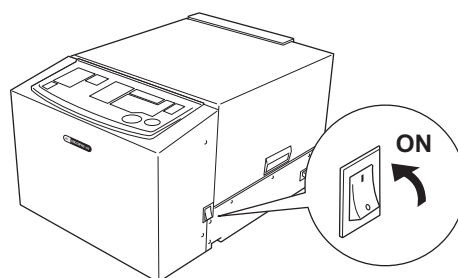
- 5
 - 1) Select [Connect via a USB cable].
 - 2) Click [Next].



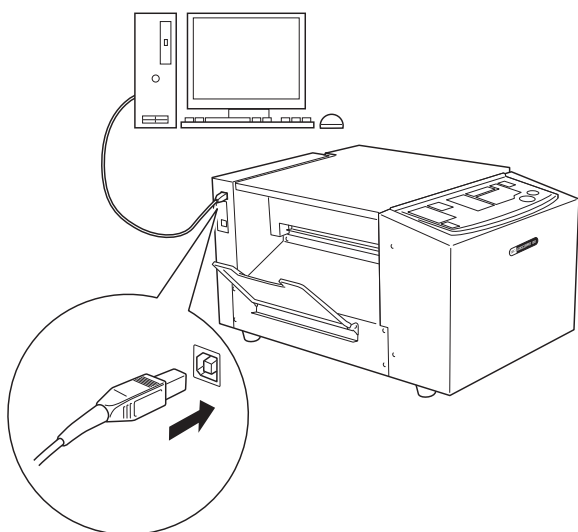
For Windows 10 / Windows 8.1 / Windows 8:
Proceed to step 23.

The [USB Port Settings] dialog box appears.

- 6 Turn on the machine.

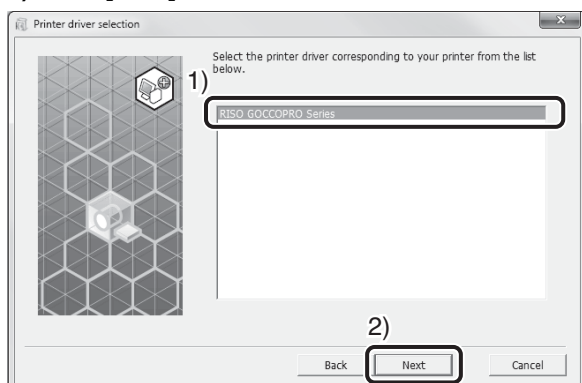


- 7 Connect the computer to the machine with a USB cable.



- 8 When [Printer automatic recognition and USB port setting are complete] dialog box appears, and then click [OK].

- 9 1) Check if [RISO GOCCOPRO Series] is selected.
2) Click [Next].



Note When selected printer driver has already been installed, [Installation Method] dialog box appears. Click [Next].

- 10 When [Printer name entry] dialog box appears, click [Next].

To change the printer name, enter a new name in the [Printer name] field.

- 11 When [Ready to install] dialog box appears, click [Install].

Installation is started.

Note If the following dialog box appears, also continue with installation.

- For Windows 7 / Windows Vista:
Dialog box with a message:
[Windows Security]
- For Windows XP:
Dialog box with a message:
[Windows Logo Approval Test]

- 12 [Do you want to print the test page?] appears, and then click [Yes].

- 13 Check if the <START> Indicator of the machine is lit, and press the <START> Key.

A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm).

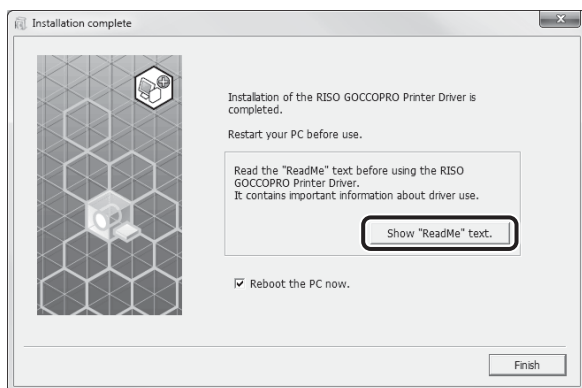
Note It is recommended to use a frame with the "MINIMUM" setting.

Ref. "3) Selecting a Frame" on page 40

- 14 Check if the test pattern was correctly transferred onto a screen, and click [OK].

If the test pattern was not correctly transferred onto a screen, see "Troubleshooting (Tips)" on page 65.

15 Click [Show "ReadMe" txt.].



The ReadMe file is opened.
Be sure to read all the instructions and notes on it.

16 Click [Finish].

The computer is rebooted.

- Note**
- When you finish the procedure by unchecking the [Restart immediately] checkbox, the machine can be used after the computer is rebooted.
 - When [Found New Hardware Wizard] is displayed, click [Cancel].

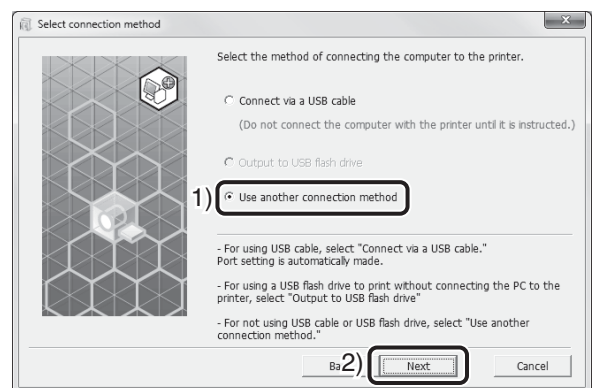
17 After the computer is rebooted, remove [RISO GOCCOPRO Printer Driver] CD-ROM from the CD-ROM drive of your computer.

The machine is now ready for use.
The installation of the printer driver has been completed.

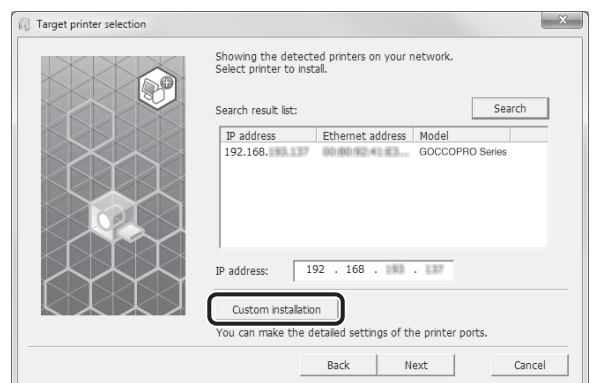
- Important!**
- Keep the included [RISO GOCCOPRO Printer Driver] CD-ROM in a safe place.
 - For Windows 7 (64-bit) / Windows Vista (64-bit), continue performing "USB Device Association" described on page 30.

The following procedures are only applied for Windows 7 (64-bit) / Windows Vista (64-bit).

18 1) Select [Use another connection method]. 2) Click [Next].



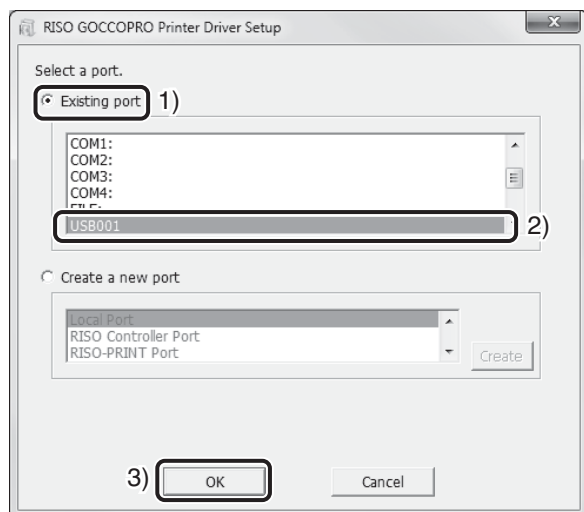
19 When [Target Printer Selection] dialog box appears, click [Custom installation].



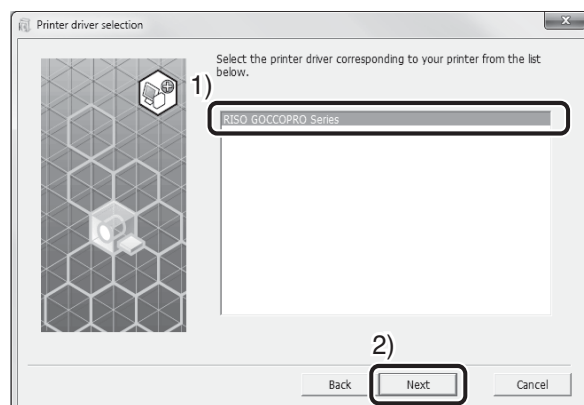
- 20 1) Click [Existing port].
2) Select [USB***] to highlight it.

Note This "USB***" is the name of the port confirmed (displayed) in "Creating a USB Port".

- 3) Click [OK].



- 21 1) Check if [RISO GOCCOPRO Series] is selected.
2) Click [Next].



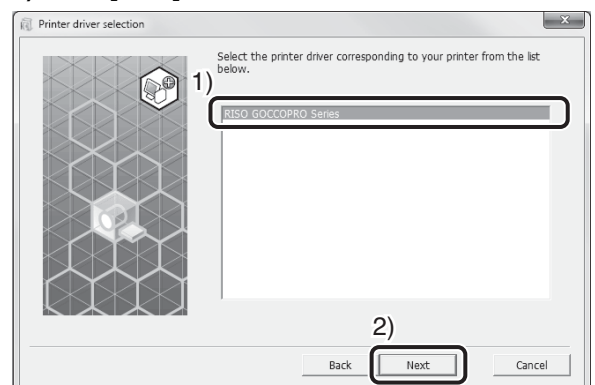
Note When the selected printer driver has already been installed, the [Installation Method] dialog box appears. Click [Next].

- 22 When [Printer name entry] dialog box appears, click [Next].

Return to Step 11 on page 24.

The following procedures are only applied for Windows 10 / Windows 8.1 / Windows 8.

- 23 1) Check if [RISO GOCCOPRO Series] is selected.
2) Click [Next].



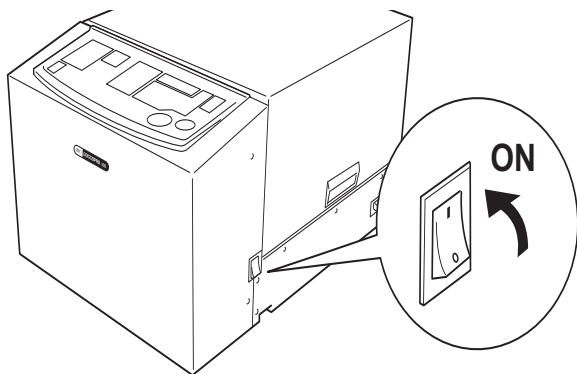
- 24 When [Ready to install] dialog box appears, click [Install].

Installation is started.

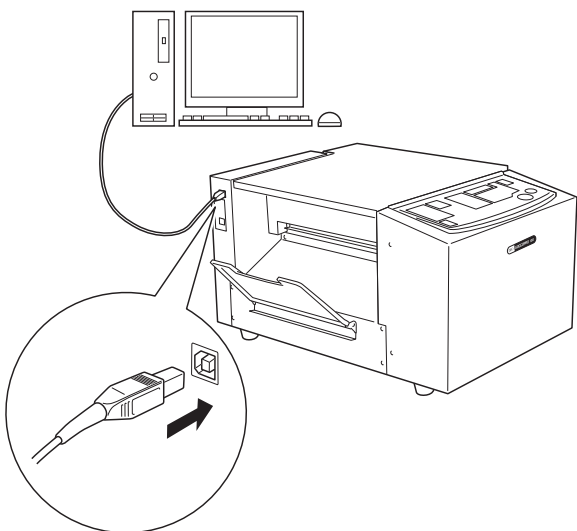
Note [Windows Security] dialog box appears, also continue with installation.

- 25 When [USB Port Settings] dialog box appears, click [Next].

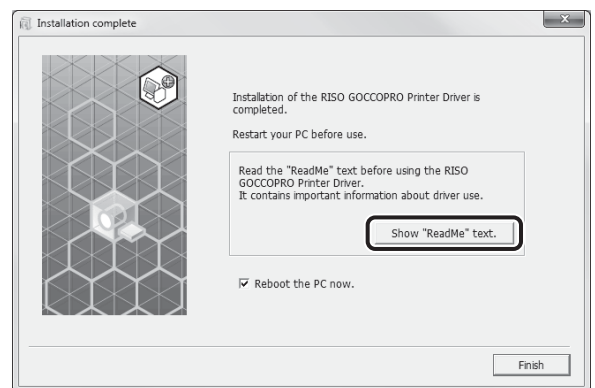
26 Turn on the machine.



27 Connect the computer to the machine with a USB cable.



28 Click [Show "ReadMe" txt.].



The ReadMe file is opened.
Be sure to read all the instructions and notes on it.

29 Click [Finish].

The computer is rebooted.

- Note**
- When you finish the procedure by unchecking the [Restart immediately] checkbox, the machine can be used after the computer is rebooted.
 - When [Found New Hardware Wizard] is displayed, click [Cancel].

30 Open the print folder.

Open the "Apps" screen and click [Control Panel] - [Hardware and Sound] - [Devices and Printers].

31 Open the properties of the printer to which the Printer Driver has been installed.

Right-click on the icon of printer, and select [Printer Properties] in the displayed menu.

32 [Do you want to print the test page?] appears, and then click [Yes].

33 Check if the <START> Indicator of the machine is lit, and press the <START> Key.

A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm).

Note It is recommended to use a frame with the "MINIMUM" setting.

▶ **Ref.** "3) Selecting a Frame" on page 40

34 Check if the test pattern was correctly transferred onto a screen, and click [OK].

If the test pattern was not correctly transferred onto a screen, see "Troubleshooting (Tips)" on page 65.

35 After the computer is rebooted, remove [RISO GOCCOPRO Printer Driver] CD-ROM from the CD-ROM drive of your computer.

The machine is now ready for use.

The installation of the printer driver has been completed.

Important! Keep the included [RISO GOCCOPRO Printer Driver] CD-ROM in a safe place.

Creating a USB Port

When installing the printer driver on Windows 7 (64-bit) / Windows Vista (64-bit) with USB cable connection, it is necessary to perform "USB Device Association" (page 30) and "Creating a USB Port" (page 29).

Important! Be sure to perform these operations before installing the printer driver.

- 1 Turn on the machine, and connect a USB cable to the machine.

Note Do not connect to your computer at this stage.

- 2 Start your computer.

- 3 Connect the USB cable to your computer.

A USB port is automatically created. Follow Step 4 onward below to confirm the USB port.

Important! Check if a message [Device driver software was not successfully installed] is displayed. This message appears in the dialog box for Windows 7 and in the task tray of Windows Vista.

Note When a [Found New Hardware] wizard is displayed on Windows Vista, select [Ask me again later].

- 4 Open [Print Server Property].

For Windows 7

- 1) Click [Start] icon - [Control Panel] - [Hardware and Sound] - [Devices and Printers], and open [Devices and Printers] folder.
- 2) Click the existing printer, then click [Print Server Properties] in the upper part of the dialog box.

For Windows Vista

- 1) Click [Start] icon - [Control Panel] - [Hardware and Sound] - [Printers], and open [Printers] folder.
- 2) From a menu that appears as you right-click on the margin in the folder, select [Run as administrator] then [Server Properties].

- 5 Click [Ports] tab, and check if [USB***] port is included in [Ports on this server].

Write down this port name since you must select it when installing the printer driver.

- 6 Disconnect the USB cable from your computer.

USB Device Association

Important! Be sure to perform this operation after installing the printer driver.

1 Connect the machine and your computer with a USB cable.

Association is automatically performed. Follow the step 2 onwards below to check the result association.

2 Activate [Device Manager].

Click [Start] - enter [Device Manager] in the [Search programs and files], then click [Device Manager].

3 Click [View] in the menu, and place a checkmark in the [Show hidden devices] checkbox.

4 Click [Printers] in the list, and check that the newly installed model is registered.

5 Open [Devices and Printers], and check that the newly installed model is registered.

Network Connection (LAN)

To connect the machine to a LAN, the optional "RISO Network Card" is required.

Before Installation

- In advance, connect the machine to the network and configure printer network settings (ex. IP address). For details, see RISO Network Card User's Guide (contained in RISO Network Card SOFTWARE CD-ROM).
- Set a Screen Master Roll in the machine in advance.

▶ Ref. "Setting a New Screen Master Roll" on page 20

Important!

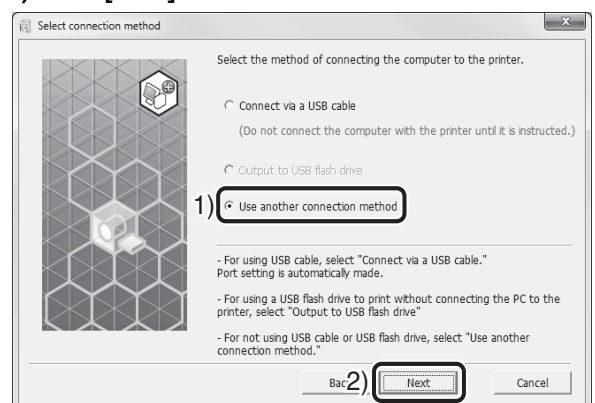
- Use a commercially available Ethernet cable (10BASE-T or 100BASE-TX) (Category 5 or higher) appropriate for your network environment.
- To install the printer driver, it is necessary to log on to Windows by the account with the authority to change the system setting (administrator, etc.).

Note

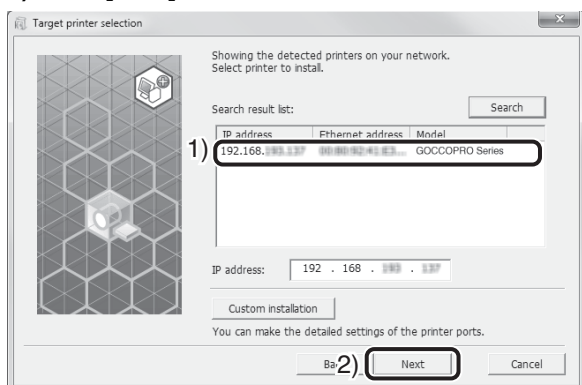
For the procedure of manual installation, see "Manually Installing the Printer Driver" on page 73.

1 Perform steps 1 to 4 of the "Installation Procedure" on page 23.

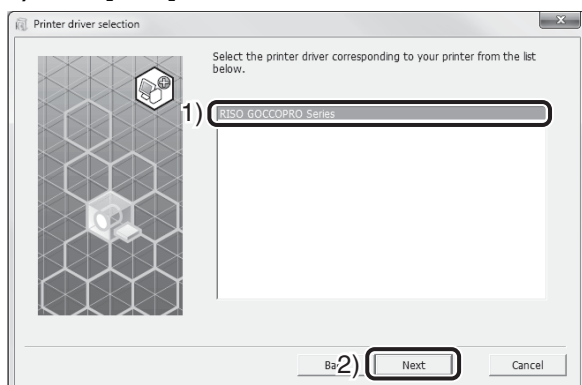
2 1) Click [Use another connection method].
2) Click [Next].



- 3
- 1) Click [GOCCOPRO Series] to highlight it.
 - 2) Click [Next].



- 4
- 1) Check if [RISO GOCCOPRO Series] is selected.
 - 2) Click [Next].



Note When selected printer driver has already been installed, [Installation Method] dialog box appears. Click [Next].

- 5
- Perform steps 10 to 17 of the "Installation Procedure" on page 24**

The machine is now ready for use.

Important! Keep the included "RISO GOCCOPRO Printer Driver" CD-ROM in a safe place.

2

How to Produce an Imaged Screen

This section describes the procedure for transferring the original data created on your computer onto a screen with this machine.

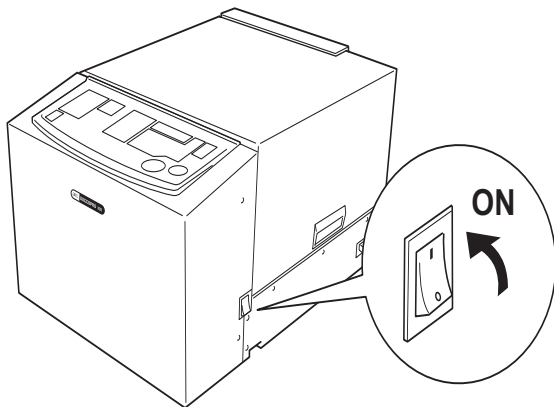
Prepare original data on your computer in advance.

To reproduce a screen, perform steps of "3) Selecting a Frame" from page 40.

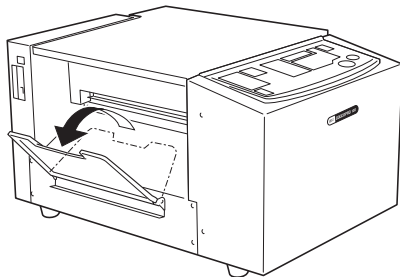
- 1)Preparing the Machine [▶Ref.](#) page 34
- 2)Transmitting Original Data from the Computer
[▶Ref.](#) page 35
- 3) Selecting a Frame [▶Ref.](#) page 40

1)Preparing the Machine

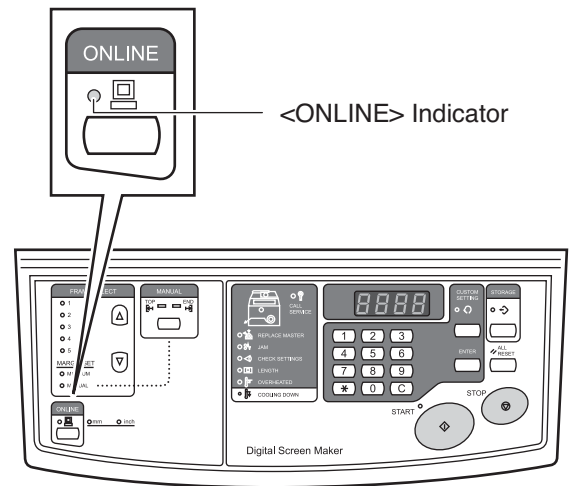
- 1 Turn on the machine.



- 2 Open the Imaged Screen Tray.



- 3 Check that the <ONLINE> Indicator on the Control Panel is lit.



When the <ONLINE> Indicator is not lit, press the <ONLINE> Key to switch to online mode.

Note When the <REPLACE MASTER> Indicator is lit, set a new Screen Master Roll.

► **Ref.** "Setting a New Screen Master Roll" on page 20

2) Transmitting Original Data from the Computer

Transmit original data created on your computer to the machine.

You can change settings such as image quality using the printer driver before transmitting the data.

▶ **Ref.** "Details of Printer Driver Settings" on page 36

- 1 Create original data using an appropriate application on your computer.
- 2 Proceed to the printing procedure to display the [Print] dialog box.

Note For details, refer to the User's Guide of the application.
- 3 Select [RISO GOCCOPRO Series] (name of the machine) in [Printer Name].
Select the printer name set in step 10 of the "Installation Procedure" on page 23.
- 4 Click [Properties].
- 5 1) Set the screen making conditions.
 ▶ **Ref.** "Details of Printer Driver Settings" on page 36
 2) When the settings have been made, click [OK].



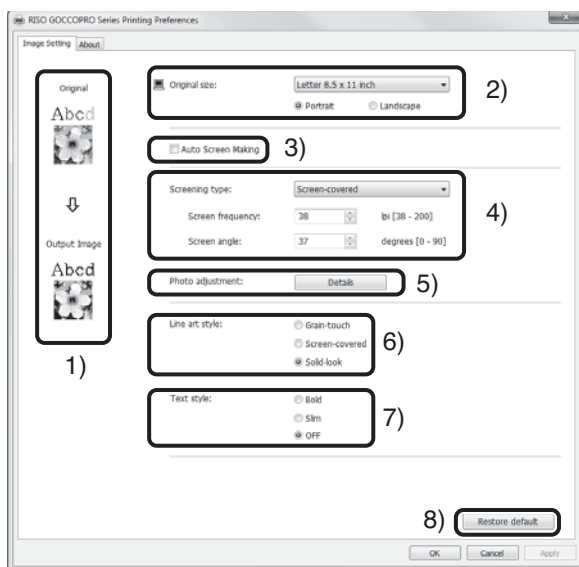
- 6 When the dialog box returns to [Print] dialog box, click [Print].

The original data is transmitted from your computer to the machine.

- Important!**
- Even if you transmit multiple-page original data, only the 1st page of the first received data will be transferred onto a screen.
 - When the machine receives the multiple original data, it processes the screen making as incoming data order.
 - In case that some users transmit the original data from each computer connected to the network, it is not possible to ensure the processing order. Please be sure that the machine is not in use before transmitting the original data.

Details of Printer Driver Settings

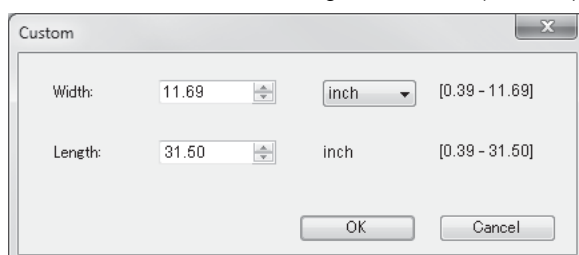
[Image Setting] tab



- 1) **Print image:**
A simplified image is displayed to show how the selected setting will be reflected on an imaged screen.
- 2) **Original size:**
Specify the size and direction (portrait/landscape) of the original data.

Important! Specify the same size as the original size specified in the application used for creating the original data.

- Note**
- Selecting [Custom] displays the [Custom] dialog box, where you can manually enter the width and length of the original. You can also switch between original size units (inch/mm).



- It is useful to register the sizes of frequently used irregular-size originals in the printer driver in advance since they can be selected from the [Original size] from the drop-down list.
▶ **Ref.** "Registering Original Size" on page 72

3) Auto Screen Making:

When this checkbox is checked, the original data transmitted from your computer to the machine is not put in the screen-making queue, but is promptly processed for screen making. Be sure to remove the checkmark for normal use. Screen making is executed using the frame that has been selected when the original data is received.

4) Screening type:

You can select a gradation expression method (half tone processing) for halftone and color images from the following two methods.

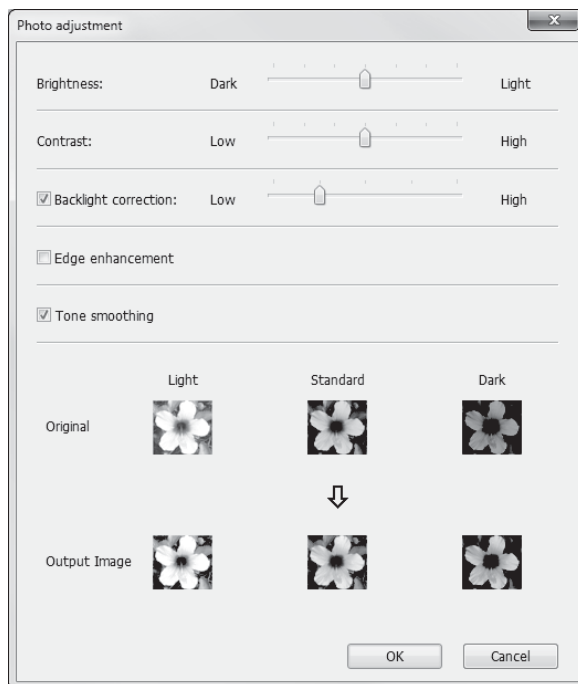
Processing method	Gradation expression method	Degree of gradation expression	Degree of detail reproduction
Screen-covered	Expresses gradation by changing the size of dots according to the density of the original.	High	Low
Grain-touch	Expresses gradation by perforating or not perforating the screen for each dot according to the density of the original.	Low	High

When [Screen-covered] is selected, the following parameters can be set.

- **Screen frequency:** The fineness of dots can be set in the lines per inch. Indicates how many dots are arranged in one inch / 25.4 mm.
 - Unit: line
 - Setting range: 38 to 200 lines
 - Initial value: 38 lines
- **Screen angle:** The angle at which dots are arranged can be set. Adjusted if moire (interference pattern) occurs.
 - Unit: degree
 - Setting range: 0 to 90 degrees
 - Initial value: 37 degrees

5) Photo adjustment:

Clicking [Details] displays the [Photo adjustment] dialog box.



- **Brightness:** The brightness of photo image can be adjusted in 7 levels.
- **Contrast:** The contrast of overall image can be adjusted in 7 levels.
- **Backlight correction:** When a check mark is placed in the check box, backlight correction is applied to the image to make it sharper. Backlight correction can be adjusted in 5 levels. It is effective for image data such as photos.
- **Edge enhancement:** When a check mark is placed in the check box, edge enhancement is applied to the image to accent contours.
- **Tone smoothing:** When [Screen-covered] is selected for [Screening type], the tonal expressions used in screen-covered processing are smooth.

6) Line art style*

Specifies the expression method for the text.

- **Grain-touch:** Expresses the tone in perforation density of the screen. Bright colors are expressed in low density, and dark colors are expressed in high density.
- **Screen-covered:** The text sections are displayed with halftone dots. This mode is unsuitable for small sized text.
- **Solid-look:** This function makes all text solid-look. You can use this function to express the text clearly. The difference in color shading cannot be expressed.

7) **Text style***

You can adjust the thickness of text with this function.

- **Bold:** This makes the text thicker (to prevent patchy).
- **Slim:** This makes the text slimmer (to prevent crushed lines).
- **OFF:** This doesn't adjust the text thickness.

* These text processes can be performed only if text information is contained in the original and the font type can be changed.

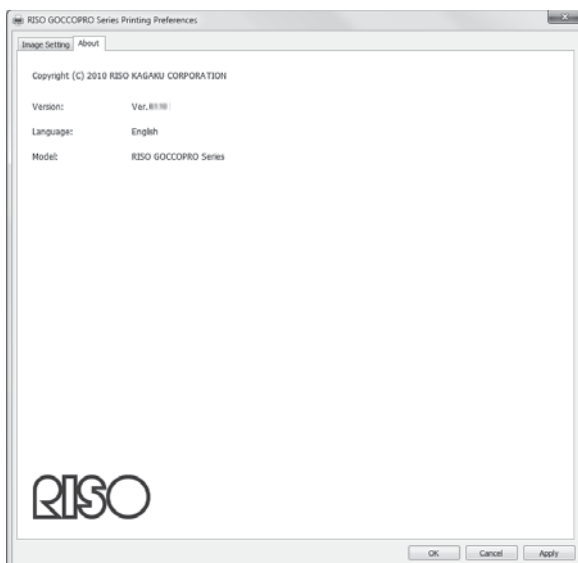
8) **Restore default**

Returns all settings to the default setting.

[About] tab

This tab shows the version number of your printer driver.

In case you contact your dealer because of defects, check this version number in this screen beforehand and provide the information to the dealer.



3) Selecting a Frame

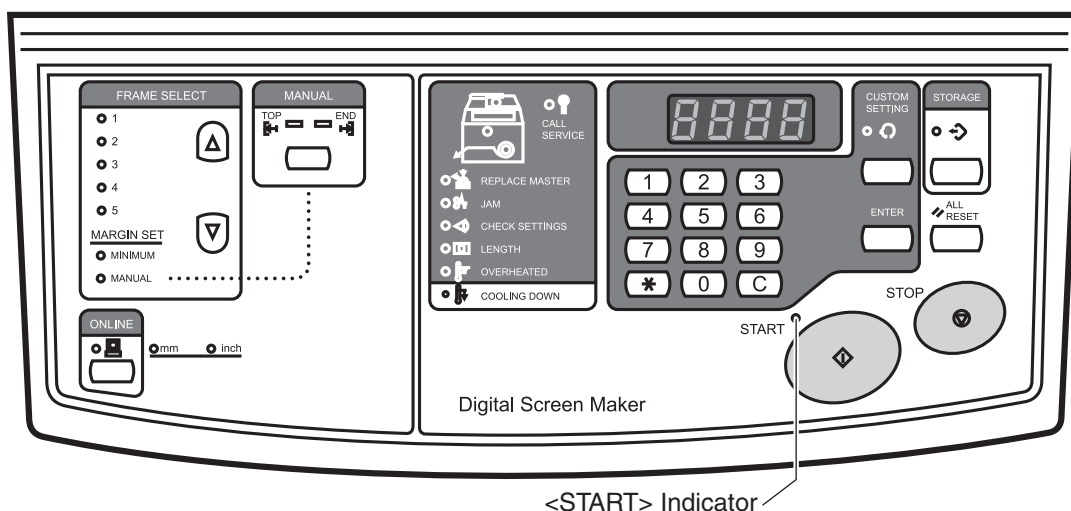
Select a frame to be used.

Up to 5 frames can be registered in the machine. It is useful to register a frame according to the size of the original data before screen making.

▶ Ref. "How to Register a Frame" on page 50

Selecting a Frame and Starting Screen Making

- 1 Stand in front of the machine.
- 2 Check that the <START> Indicator is lit.



When the <START> Indicator is not lit:

The original data has not been received. Perform the printing procedure on your computer again to transmit the original data.

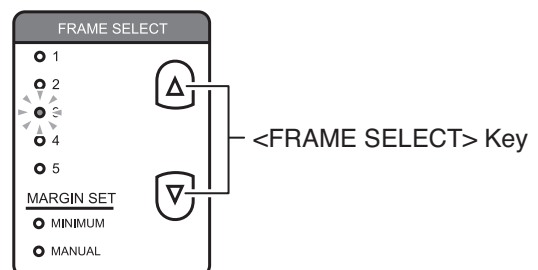
When the <ONLINE> Indicator is blinking:

The original data is being received. Wait until the <ONLINE> Indicator and the <START> Indicator are lit.

▶ Ref. "2)Transmitting Original Data from the Computer" on page 35

Note When reproducing a screen, check that the <STORAGE> Indicator is lit.

- 3 Press the <FRAME SELECT> Key to select a frame to be used.



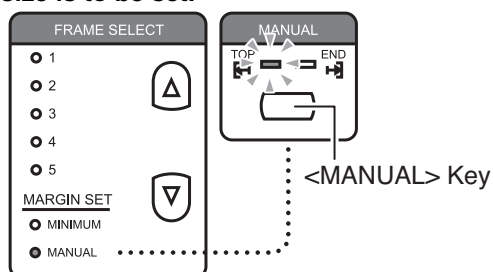
You can select the frame from the frames registered in [FRAME SELECT] in Custom Setting mode, [MINIMUM] and [MANUAL]. The indicator of the selected frame is lit.

▶ Ref. "The Margin Size Required for Screen Making" on page 12

When you select <MANUAL> (arbitrary margin setting):

Enter the sizes of the margins on the Top side and the End side in the following steps.

- 1 Press the <MANUAL> Key to select the side (Top side/End side) where the margin size is to be set.

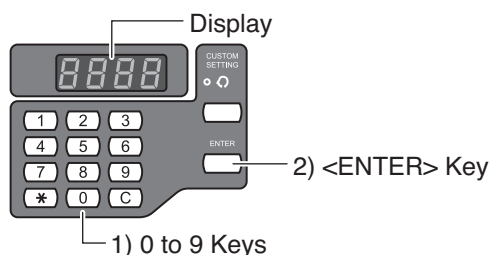


The current margin size is shown in the Display.

Note The sizes of the margins on the Top side and the End side are set to 2.4" / 60 mm by factory default.

- 2 1) Enter arbitrary values of margin size using the 0 to 9 Keys.
The currently entered number blinks.
- 2) Press the <ENTER> Key to determine the margin size.

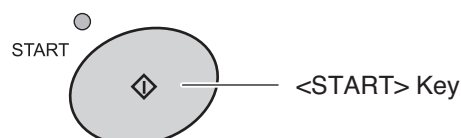
The currently entered number is lit.



Note

- To set the margin sizes of both the Top and End sides, repeat steps 1 and 2.
- You can check the unit of the entered number with the <inch / mm> Indicator.
- The set margin size is stored until the POWER Switch of the machine is turned off.

- 4 Press the <START> Key.



Screen making is started.

The imaged screen is ejected from the Imaged Screen Outlet.

- Note**
- To stop screen making, press and hold the <STOP> Key (1 second or more) and then released. The screen making is stopped, and the cut screen is ejected from the Imaged Screen Outlet. However, if the <STOP> Key is pressed while the margin on the Top side is being transported, operation of the machine will be stopped and "A-34" will appear on the display. Rewind the screen master, and set it again.
- Ref.** "When an Error Indicator Lights" on page 62
- To delete the original data in the screen-making queue, press the <ONLINE> Key to switch to offline mode.
 - To reproduce a screen, press the <STORAGE> Key. The data of the reproduced screen can be repeatedly used as many times as you desire until you perform the following operation.
 - Receive a new original data.
 - Turn off the machine.

Important!

- Be sure not to bend the imaged screen when taking it out.
- If any type of the Frames 1-5 is selected and the length of the frame is smaller than the sum of the "minimum value of the Top side margin", "length of the original data", and "minimum value of the End side margin size", a "LENGTH" error is displayed. Select a frame with a larger size, or select "MINIMUM" or "MANUAL".

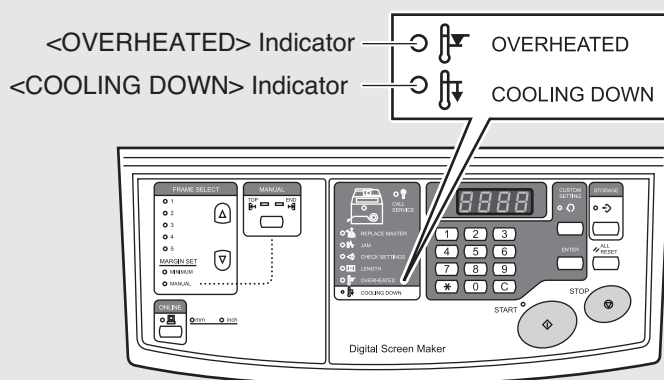
Ref. "When an Error Indicator Lights" on page 62

Column

Overheating and cooling down of the Thermal Print Head

This machine directly perforates a screen with fine lines by using the heat generated by the Thermal Print Head. If the machine is used for a long period of time or continually making screen from original data that intensively contains images or huge solid area, heat builds up in the Thermal Print Head, and the machine automatically starts to cool down. When it comes to a certain level during cooling down, the <COOLING DOWN> Indicator on the Control Panel lights.

The next screen making is not started until the temperature of the Thermal Print Head lowers and the <COOLING DOWN> Indicator goes out.

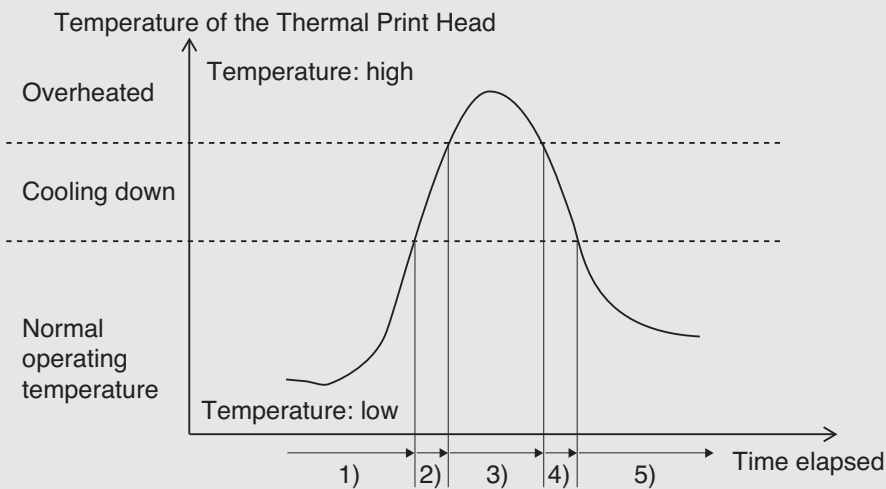


When the machine receives the original data that is expected to overheat the Thermal Print Head due to conditions such as the cover ratio of the original data, the screen making length and the temperature inside the main unit, "F-34" (overheating warning) is shown on the display when the <START> Key is pressed for starting screen making (see page 44).

For the recovery from errors, see "When an Error Indicator Lights" on page 62.

When the Thermal Print Head is overheated during screen making, an <OVERHEATED> (overheating) error occurs, the screen making is interrupted, and the cut screen is ejected (see page 43).

The original data resulting in overheating will not completely be transferred onto the screen.

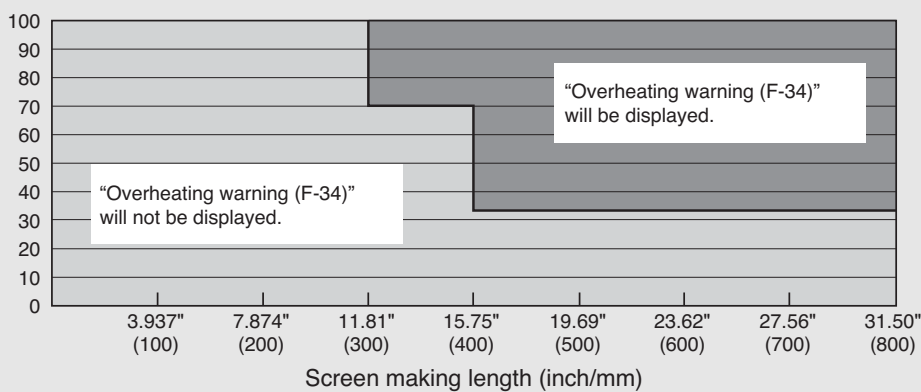


● Lit ● Blinking ○ Not lit

	State of indicator	Screen-making operation	Action
1)	○ OVERHEATED ○ COOLING DOWN	A screen can be made / during screen making	—
2)	○ OVERHEATED ○ COOLING DOWN	During screen making	The <COOLING DOWN> Indicator is lit after the screen making is completed. Wait to perform the next screen making until the <COOLING DOWN> Indicator goes out.
3)	● OVERHEATED ● COOLING DOWN	Screen making interrupted	The <OVERHEATED> Indicator blinks. Press the <ALL RESET> Key to cancel the error. (<OVERHEATED> Indicator goes out) Wait to perform the next screen making until the <COOLING DOWN> Indicator goes out. The original data can be deleted by pressing the <ONLINE> Key.
4)	○ OVERHEATED ● COOLING DOWN	A screen cannot be made.	Wait to perform the next screen making until the <COOLING DOWN> Indicator goes out.
5)	○ OVERHEATED ○ COOLING DOWN	A screen can be made	—

The relation between the combination of the cover ratio with the screen making length and the overheating warning (F-34) is as shown in the graph below.

Cover ratio (%)



Screen making length: 31.50" / 800 mm

Even when the screen making length is 31.50" / 800 mm, "overheating warning" will not be displayed if the cover ratio is below 30%.



Screen making length: 31.50" / 800 mm

When the screen making length is 31.50" / 800 mm and the cover ratio is 30% or more, "overheating warning" will be displayed.

Note

- Even in an area where "overheating warning" (F-34) is not displayed at a combination of the cover ratio and the screen making length, overheating(P-90) may be resulted if screen making is continuously repeated.
- The number of screen making which causes the overheating is different, depending on your environment temperature and the waiting time before the next screen making is performed.

3

Settings for More Convenient Use

You can use the machine more conveniently by changing the initial settings of the machine (settings when the machine is turned on) in Custom Setting mode, or registering an arbitrary frame size in advance.

Changed settings are effective until they are changed again in Custom Setting mode.

- Settings that Can be Made in Custom Setting Mode
▶ **Ref.** page 46
- How to Make Settings in Custom Setting Mode
▶ **Ref.** page 49
- How to Register a Frame ▶ **Ref.** page 50

Settings that Can be Made in Custom Setting Mode

The changeable items and their descriptions are as follows:

Item No.	Item Name	Description	Setting No.	Description (Setting Range)	Initial Setting (Factory Default Setting)
1	Frame 1 Setting*	You can register the frame length when "1" to "5" is selected in <FRAME SELECT> on the Control Panel. For details, see "How to Register a Frame" on page 50.	—	Frame length 8.0" / 200 mm to 47.2" / 1200 mm	23.2" / 590 mm
2	Frame 2 Setting*		—		18.9" / 480 mm
3	Frame 3 Setting		—		None 0.0" / 0 mm
4	Frame 4 Setting				
5	Frame 5 Setting				
6	Minimum Margin Setting (End Side Margin)	You can register the margin size on the End side when "MINIMUM" is selected in <FRAME SELECT> on the Control Panel. The margin size on the Top side is 2.4" / 60 mm fixed.	—	0.6" / 15 mm to 1.2" / 30 mm	1.2" / 30 mm
7	Frame selection initial setting	You can specify the frame selected first in <FRAME SELECT> on the Control Panel when the machine is turned on.	0	Frame 1	0: Frame 1
			1	Frame 2	
			2	Frame 3	
			3	Frame 4	
			4	Frame 5	
			5	MINIMUM (minimum margin)	
			6	MANUAL (arbitrary margin)	
8	Auto-Power Off	You can specify whether or not to turn off the machine when it is not used for certain time.	0	OFF (not automatically turned off)	1: ON
			1	ON (automatically turned off)	

* Frame 1 and Frame 2 have default settings fitted to the size of the frames, which are only marketed in Japan.
The setting can be changed suitable for your usage.

Item No.	Item Name	Description	Setting No.	Description (Setting Range)	Initial Setting (Factory Default Setting)
9	Auto Power Off Time	You can specify the time until the machine is turned off when "Auto Power Off" is set to "ON".	0	5 minutes	0: 5 minutes
			1	15 minutes	
			2	30 minutes	
			3	60 minutes	
			4	90 minutes	
10	Beep Sound	You can specify how an alarm should sound when keys are operated or errors occur.	0	OFF (not produce beep sound)	1: ON
			1	ON (produce beep sound)	
11	Inch/mm Changeover	You can specify the unit of the value shown on the display.	0	Millimeter	1: Inch
			1	Inch	
30	Imaged Screen Counter	The total number of imaged screen is displayed.	—	—	—
31	Screen Running Counter	The value dividing the total length of the imaged screen by 16.5" / 420 mm is displayed.	—	—	—
40	Image expansion/contraction	When an image happen to be expanded/contracted on the screen master in the screen master feed direction, this expansion/contraction ratio can be adjusted. Adjustment can be made at 25 levels. For detailed setting number and for the setting, see page 55.	0 - 24	-2.00% to +4.00% (adjustable by the 0.25%)	8:0%
70	Network Card IP Address Setting	You can set the IP address for the RISO Network Card. For details, see "How to Set the IP Address" on page 52.	—	0.0.0.0 to 255.255.255.255	0.0.0.0

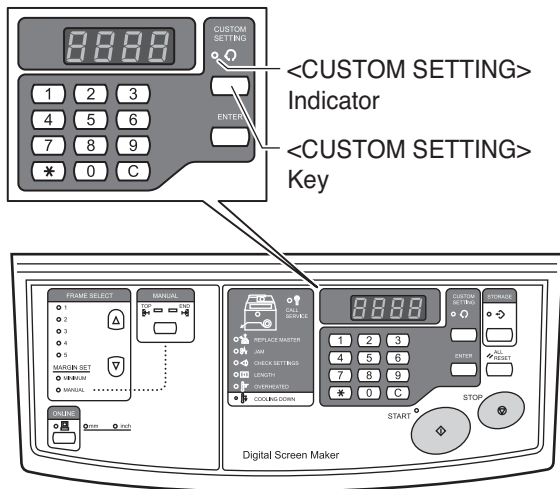
Item No.	Item Name	Description	Setting No.	Description (Setting Range)	Initial Setting (Factory Default Setting)
73	Network card initialization	Initializing the current network settings to return them to the factory default setting. Initializing the RISO Network Card will lose its all settings. For details, see "Initializing the Custom Setting Mode / the Network Card" on page 54.	—	—	—
99	Custom Setting Mode Initialization	Returns the setting to the factory default setting. For details, see "Initializing the Custom Setting Mode / the Network Card" on page 54.	—	—	—

How to Make Settings in Custom Setting Mode

Settings in Custom Setting mode can be made on the Control Panel of the machine.
You can set the IP address for the RISO Network Card. For details, see "How to Set the IP Address" on page 52.

Note For how to register frame sizes in steps "1: Frame 1 Setting" to "5: Frame 5 Setting", "How to Register a Frame" on page 50.

1 Press the <CUSTOM SETTING> Key.

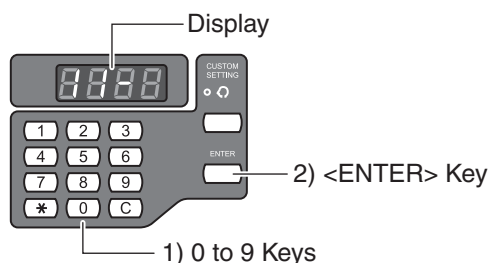


The <CUSTOM SETTING> Indicator lights.

2 1) Enter the item number to be changed using the 0 to 9 keys. Ex. To make settings of "Inch/mm Changeover", enter "11".

Note To correct the entered item number, press the <C> Key to delete the entered value.

2) Press the <ENTER> Key.



3 1) Enter the number of the target setting using the 0 to 9 Keys.

Ex. To make settings of "Millimeter", enter "0".

Note To correct the entered setting number, press the <C> Key to delete the entered value.

2) Press the <ENTER> Key.

The new setting is fixed.

- Note**
- Pressing the <CUSTOM SETTING> Key before pressing the <ENTER> Key cancels the setting and returns the machine to normal mode.
 - Pressing the <START> Key before pressing the <ENTER> Key fixes the setting and returns the machine to normal mode.

4 Press the <CUSTOM SETTING> Key.

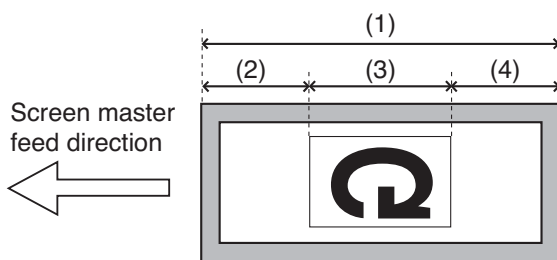
The <CUSTOM SETTING> Indicator goes out.

The Custom Setting mode ends.

How to Register a Frame

For Frame 1 to Frame 5 that can be selected in <FRAME SELECT>, sizes of frames used in usual operations can be registered. Measure the outer length of the frame, and register it. You can select the registered frame by pressing the <FRAME SELECT> Key on the Control Panel.

Important! The frame length can be set between 8.0" to 47.2" / 200 mm to 1200 mm. Any frame whose outer size is outside the following range cannot be registered.



Frame length (Screen length)^{*1} = (2) Margin size on the Top side^{*2} + (3) Original data length + (4) Margin size on the End side^{*3}

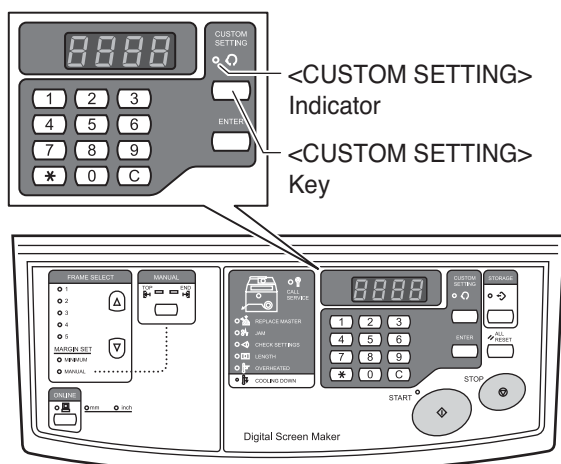
^{*1} Frame length: 8.0" to 47.2" / 200mm to 1200 mm

^{*2} Margin on the Top side: 2.4" / 60 mm or more

^{*3} Margin on the End side: 2.4" / 60 mm or more

Note For Frame 1 and Frame 2, the lengths of "23.2" / 590 mm" and "18.9" / 480 mm" are registered respectively as factory default settings. These lengths can also be changed.

1 Press the <CUSTOM SETTING> Key.



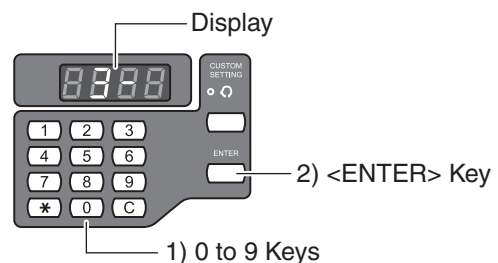
<CUSTOM SETTING> Indicator lights.

2 1) Enter the item number to be changed using the 0 to 9 keys.

Ex. To change the setting of Frame 3, enter "3".

Note To correct the entered item number, press the <C> Key to delete the entered value.

2) Press the <ENTER> Key.



3 1) Enter the outer length of the frame using the 0 to 9 Keys.

Ex. When the frame length is 31.50" / 800 mm, enter "31_5" (800).

Note To correct the entered frame length, press the <C> Key to delete the entered value.

2) Press the <ENTER> Key.

The entered frame size is registered in the machine.

Note

- Pressing the <CUSTOM SETTING> Key before pressing the <ENTER> Key cancels the setting and returns the machine to normal mode.
- Pressing the <START> Key before pressing the <ENTER> Key fixes the setting and returns the machine to normal mode.

4 To proceed to register other frame sizes, repeat steps 2 to 3.

5 To end the registration, press the <CUSTOM SETTING> Key.

The <CUSTOM SETTING> Indicator goes out.

The frame registration has been completed.
You can select the registered frames by pressing the <FRAME SELECT> Key.

Column

Erasing the registered frame:

Erase it in the following steps.

1 Press the <CUSTOM SETTING> Key.

The <CUSTOM SETTING> Indicator is lit.

2 1) Enter the number of the frame to be erased from the 0 to 9 Keys.

Ex. To erase Frame 3, enter "3".

2) Press the <ENTER> Key.

3 1) Press the <C> Key to erase the registered value.

2) Enter "0".

3) Press the <ENTER> Key.

4 Press the <CUSTOM SETTING> Key.

The <CUSTOM SETTING> Indicator goes out.

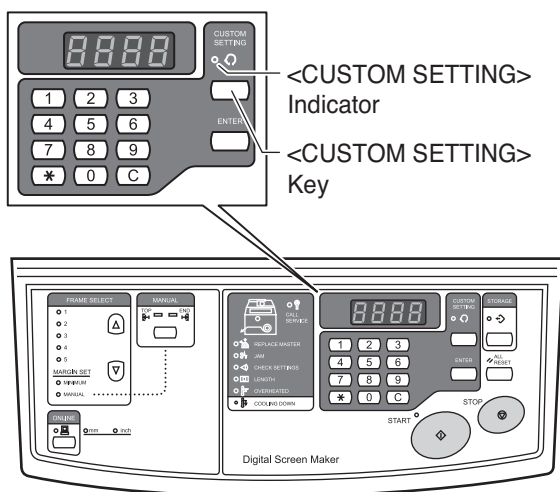
How to Set the IP Address

The IP address for the network card (only when the optional RISO Network Card is attached) can be set on the Control Panel of the machine.

Important! If you are using Mac OS 10.15, you cannot set the IP address using RISO-ADMIN included with the RISO Network Card. Set it using the Control Panel of the machine.

Note If you are using Mac OS 10.14 or earlier, you can also set the IP address using RISO-ADMIN included with the RISO Network Card.
For details, see the User's Guide of RISO Network Card.

1 Press the <CUSTOM SETTING> Key.

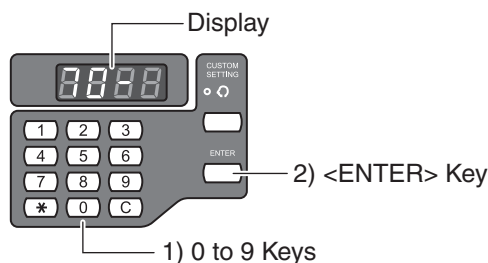


The <CUSTOM SETTING> Indicator lights.

2 1) Enter item number "70" using the 0 to 9 Keys.

Note To correct the entered item number, press the <C> Key to delete the entered value.

2) Press the <ENTER> Key.



Important! If you cannot execute item number "70", contact your dealer.

3 1) Enter the first number using the 0 to 9 Keys.

Ex. When the first number is 192, enter "192".



Note

- When entering the first number, nothing is displayed on the far left.
- To correct the first number, press the <C> Key to delete the entered value.

2) Press the <ENTER> Key.

The machine is now ready for the second number.

Note

- Pressing the <CUSTOM SETTING> Key before pressing the <ENTER> Key cancels the setting and returns the machine to normal mode.
- Pressing the <START> Key before pressing the <ENTER> Key fixes the setting and returns the machine to normal mode.

4 1) Enter the second number using the 0 to 9 Keys.

Ex. When the second number is 168, enter "168".



Note

- When entering the second number, **8** is displayed on the far left.
- To correct the second number, press the <C> Key to delete the entered value.

2) Press the <ENTER> Key.

The machine is now ready for the third number.


Note

- Pressing the <CUSTOM SETTING> Key before pressing the <ENTER> Key cancels the setting and returns the machine to normal mode.
- Pressing the <START> Key before pressing the <ENTER> Key fixes the setting and returns the machine to normal mode.

5 1) Enter the third number using the 0 to 9 Keys.

Ex. When the third number is 0, enter "0".



- Note**
- When entering the third number,  is displayed on the far left.
 - To correct the third number, press the <C> Key to delete the entered value.

2) Press the <ENTER> Key.


The machine is now ready for the fourth number.

- Note**
- Pressing the <CUSTOM SETTING> Key before pressing the <ENTER> Key cancels the setting and returns the machine to normal mode.
 - Pressing the <START> Key before pressing the <ENTER> Key fixes the setting and returns the machine to normal mode.

6 1) Enter the fourth number using the 0 to 9 Keys.

Ex. When the fourth number is 1, enter "1".



- Note**
- When entering the fourth number,  is displayed on the far left.
 - To correct the fourth number, press the <C> Key to delete the entered value.

2) Press the <ENTER> Key.

The new setting is fixed.

- Note**
- Pressing the <CUSTOM SETTING> Key before pressing the <ENTER> Key cancels the setting and returns the machine to normal mode.
 - Pressing the <START> Key before pressing the <ENTER> Key fixes the setting and returns the machine to normal mode.

7 Press the <CUSTOM SETTING> Key.

The <CUSTOM SETTING> Indicator goes out.

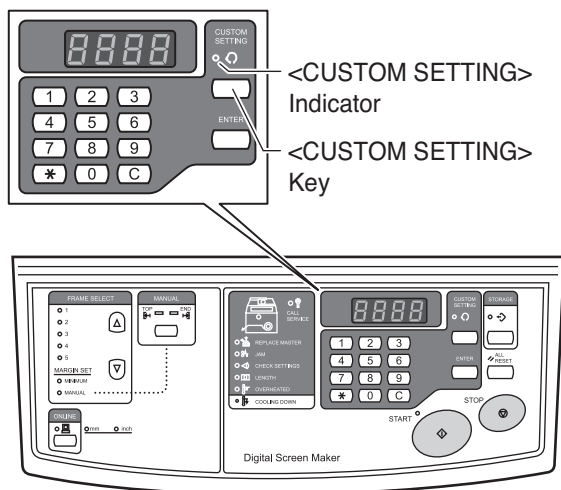
The IP address is now set.

Initializing the Custom Setting Mode / the Network Card

Returns all settings of the Custom Setting mode and the network card (only when the optional RISO Network Card is attached) settings to the initial values.

Important! If the initialization is fixed, the settings before the initialization cannot be restored.

1 Press the <CUSTOM SETTING> Key.

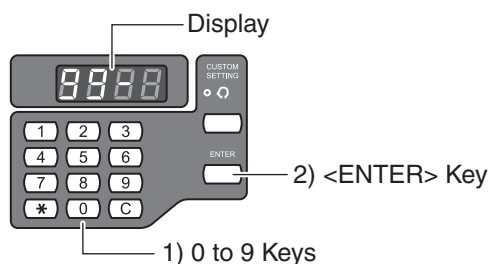


The <CUSTOM SETTING> Indicator lights.

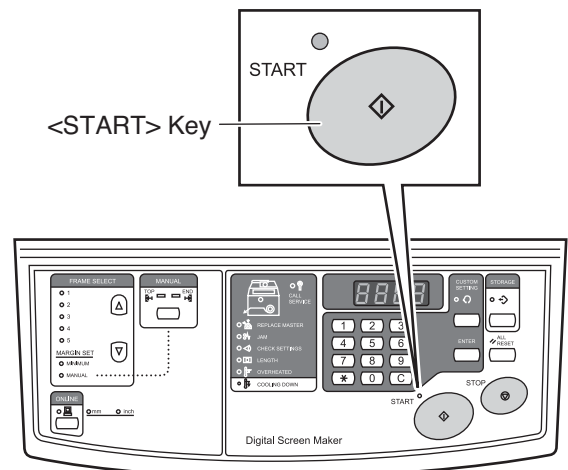
2 1) Enter item number using the 0 to 9 Keys.

- To initialize the Custom Setting mode, enter "99".
- To initialize the network card, enter "73".

2) Press the <ENTER> Key.



3 Press the <START> Key.



The <CUSTOM SETTING> Indicator goes out.
The Custom Setting mode is initialized and the machine returns to normal mode.

Column

The setting number and the setting for the image expansion/contraction ratio

Note For the details to make settings, see "How to Make Settings in Custom Setting Mode" on page 49.

Setting No.	Setting (setting range)	Setting No.	Setting (setting range)
0	−2.00%	13	+1.25%
1	−1.75%	14	+1.50%
2	−1.50%	15	+1.75%
3	−1.25%	16	+2.00%
4	−1.00%	17	+2.25%
5	−0.75%	18	+2.50%
6	−0.50%	19	+2.75%
7	−0.25%	20	+3.00%
8	0%	21	+3.25%
9	+0.25%	22	+3.50%
10	+0.50%	23	+3.75%
11	+0.75%	24	+4.00%
12	+1.00%		

MEMO

4

Maintenance

- Maintenance [▶ Ref.](#) page 58
- Cleaning [▶ Ref.](#) page 59

Maintenance

WARNING

- Before cleaning any part of the machine, turn off the power.
- Do not remove any fixed covers.
- Contact your dealer immediately if you suspect any dangerous situations or have questions or problems with the machine.
- Do not allow unauthorized persons to make adjustment or repairs.

Caution

- The machine has precision moving parts inside. Do not handle the machine in any other way than described in this guide.
- Be careful of the edge of metal parts, otherwise it may cause an injury.
- Do not make any modifications to the machine or remove any parts.
- Neither Riso nor its dealer is responsible for maintenance service performed by onto-Riso-authorized personnel.

Cleaning

The quality of imaged screen may suffer if the Thermal Print Head of the Screen Making Unit is contaminated with dust or dirt. Follow the steps below for periodic cleaning.

Thermal Print Head

Clean the Thermal Print Head every other time when a new Screen Master Roll is set. When dust adheres to the Thermal Print Head, the screen may not be correctly perforated according to the original data and graphics or text may be missing or blur.

Caution

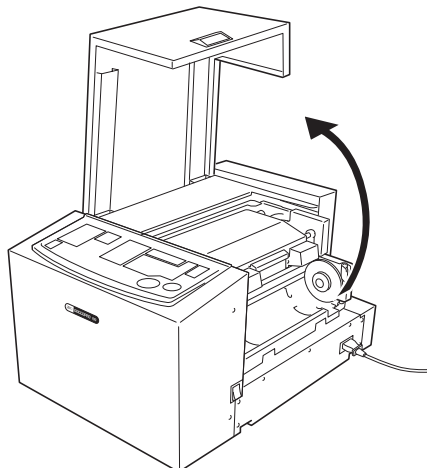
Hot surface

- Do not directly touch the thermal print head with your fingers. The thermal print head may be heated and cause burns.

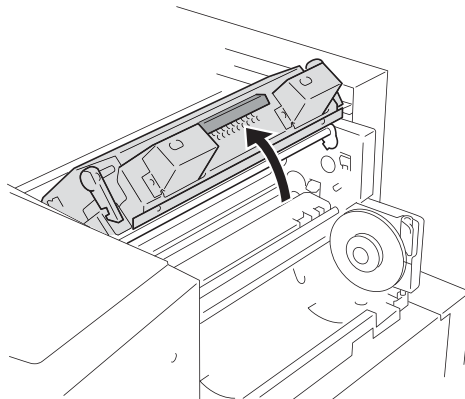
Important!

- Since the Thermal Print Head is very delicate, avoid shocks or scratches with a hard object.
- The Thermal Print Head may be damaged by static electricity. Be sure to remove the static electricity charged in the body before cleaning the Thermal Print Head. Do not touch the Thermal Print Head for other than cleaning it.

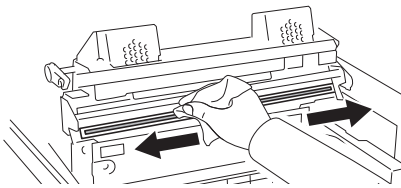
- 1 Hold the Screen Making Unit Cover Handle and open the cover.



- 2 Hold the Screen Making Unit Open Lever tightly and open the Screen Making Unit.



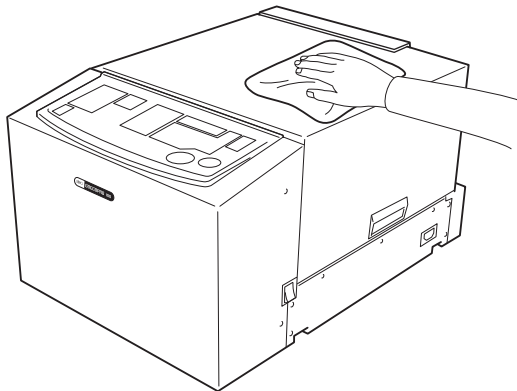
-
- 3** Gently rub the Thermal Print Head with a soft cloth or tissue several times to remove stains.



► Ref. "Setting a New Screen Master Roll" on page 20

Cleaning the Main Unit Exterior

To prevent stains from adhering to the main unit, gently wipe the whole body with a neutral detergent on a regular basis.



5

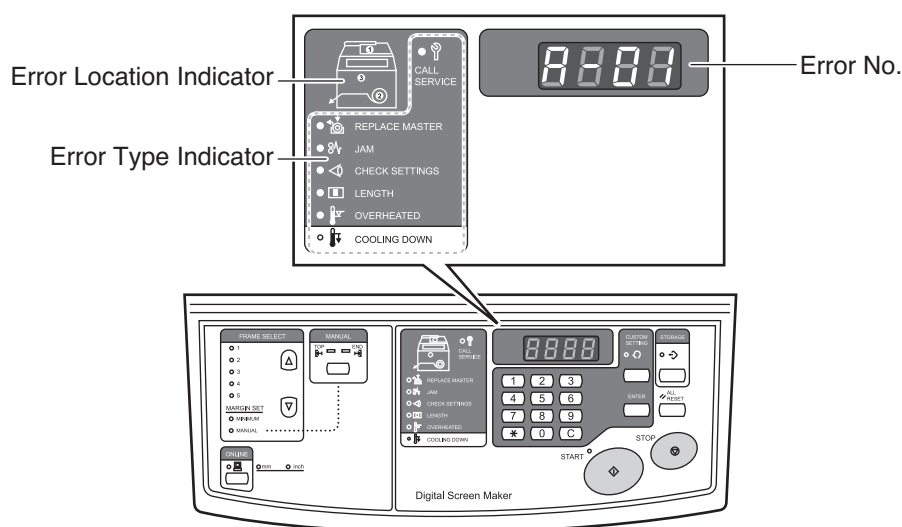
Troubleshooting

This section describes the cause and an action to be taken when the Error Indicator lights or the machine does not normally operate.

- When an Error Indicator Lights [▶ Ref.](#) page 62
- Troubleshooting (Tips) [▶ Ref.](#) page 65

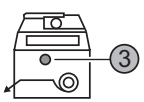

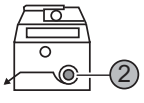

When an Error Indicator Lights

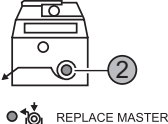
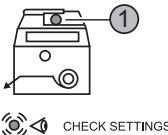
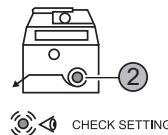
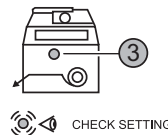

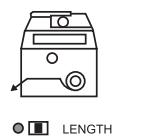
When an error occurs in the machine, the Error Location Indicator and Error Type Indicator light or blink, and the error number is shown on the Display. Based on these indicators and the error numbers, check the error descriptions and take actions as below.

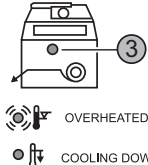



● Lit ● Blinking ○ Not lit

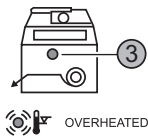
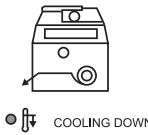
● Error Indications

Error Location Indicator/Error Type Indicator	Error No.	Error Description	Action
  JAM	A-01	A screen master has not been fed correctly.	Remove the Screen Master Roll, and set it correctly again. ▶ Ref. "Setting a New Screen Master Roll" on page 20
	A-17	A screen master is not cut correctly.	Cut a screen master. ▶ Ref. "Troubleshooting (Tips)" "A screen master has not been cut." on page 66
  JAM	A-34	A screen master is jammed.	Remove the Screen Master Roll, and set it correctly again. ▶ Ref. "Setting a New Screen Master Roll" on page 20

Error Location Indicator/Error Type Indicator	Error No.	Error Description	Action
	None	A screen master has run out.	Open the Screen Making Unit Cover, and set a new Screen Master Roll. ▶ Ref. "Setting a New Screen Master Roll" on page 20
	None	The Screen Making Unit Cover is opened.	Firmly close the Screen Making Unit Cover.
	None	A Screen Master Roll has not been set, or has not been correctly set.	Insert the leading edge of Screen Master Roll into its space under the Screen Master Guide Flap until it stops, and then firmly close the Screen Making Unit Cover. If the screen master has been wrinkled or cut at an angle, cut the edge of the screen master straight and then set it again. ▶ Ref. "Setting a New Screen Master Roll" on page 20
	None	The Screen Making Unit is not closed.	Firmly close the Screen Making Unit. ▶ Ref. "Setting a New Screen Master Roll" on page 20
	b-32, b-33	An error with RISO Network Card (option).	Press the <All RESET> Key. When the error is not canceled, contact your dealer.
	L-01	The margin size is insufficient.	Perform the following actions. 1. Press the <ALL RESET> Key to cancel the error. 2. Press the <FRAME SELECTION> Key to select a different frame.

Error Location Indicator/Error Type Indicator	Error No.	Error Description	Action
 OVERHEATED COOLING DOWN	P-90	Overheating of the Thermal Print Head.	<p>Press the <ALL RESET> Key to cancel the error. The indicator changes from blinking (lit) to not light. The <COOLING DOWN> Indicator is lit, and the cooling-down operation is started. When the <COOLING DOWN> Indicator has gone out, the screen making can be resumed.</p>
 CALL SERVICE	P-xx	Service Call Error occurred.	<p>Try one of the following actions.</p> <ul style="list-style-type: none"> • Press the <ALL RESET> Key to cancel the error. • Turn off the machine, and then turn on the machine. <p>When the machine does not operate despite the above action, contact your dealer.</p>



● Other Indications


Error Location Indicator/Error Type Indicator	Error No.	Error Description	Action
 OVERHEATED	F-34	<p>Excessive cover ratio. The Thermal Print Head may be overheated during screen making.</p> <p>▶ Ref. "The Screen Making Length and cover Ratio" on page 44</p>	<p>To continue screen making Press the <START> Key.</p> <p>To stop screen making Perform the following actions.</p> <ol style="list-style-type: none"> 1. Press the <ALL RESET> Key to cancel the error. 2. Press the <ONLINE> Key to switch to offline mode, and delete the data in the screen-making queue. 3. Press the <ONLINE> Key again to return to online mode.
 COOLING DOWN	None	The temperature of the Thermal Print Head rose.	The Thermal Print Head is being cooled down. When the <COOLING DOWN> Indicator goes out, the next screen making can be started.

Troubleshooting (Tips)

When failure is suspected, check the following points before contacting dealer.

Actions to Be Taken on the Main Unit

Problem	Cause	Action
The machine does not start when the power switch is turned on.	Power may be disconnected.	<ul style="list-style-type: none"> • Check if the power cable plug is firmly inserted into an electrical outlet. • Check if the power cable is securely connected to the machine. • Check the power breaker.
Although a screen is ejected, no image is transferred onto the screen.	The side of the Screen Master Roll may be wrong.	Check the side of the screen master, and set it correctly. ▶ Ref. "Setting a New Screen Master Roll" on page 20
Part of the original data transferred onto the imaged screen is missing. 	The size of the original data may exceed the image area.	The maximum size of the original data to be transferred is 11.69" (width) × 31.50" (length) / 297 mm (width) × 800 mm (length). Any part outside this image area is not transferred onto the screen. In addition, when the cover ratio is large, original data may not be transferred onto the screen due to overheating. ▶ Ref. "Overheating and cooling down of the Thermal Print Head" on page 42
The original data transferred onto the imaged screen contains a white vertical line. 	Dust may adhere to the Thermal Print Head.	Clean the Thermal Print Head with a soft cloth or tissue. ▶ Ref. "Thermal Print Head" on page 59

Problem	Cause	Action
A screen master has not been cut.	The screen master was not cut with the cutter.	<p>Cut the screen master in the following steps.</p> <ol style="list-style-type: none"> 1. Open the Screen Making Unit Cover. 2. Open the Screen Making Unit. 3. Turn off the power switch. 4. Pull out the imaged screen from the Imaged Screen Outlet. 5. Cut the screen master with scissors. 6. Turn on the power switch. 7. Rewind the screen master and set it again. <p> "Setting a New Screen Master Roll" on page 20</p>
The <START> indicator is lighting.	The original data was received in the screen making queue to be ready for output.	<p>Press the <START> Key to output the data.</p> <p>To erase the data in the screen-making queue, press the <ONLINE> Key.</p>
A "- - - -" sign appears on the display, and the machine does not operate.	You may have turned off the machine during operation.	Press the <START> Key.

Actions to Be Taken on the Printer Driver

Problem	Checkpoint	Action
The <ONLINE> Indicator of the machine is lit, but an imaged screen has not been produced.	Is data transmission on your computer completed? (Is the outputting operation of the application completed?)	<ul style="list-style-type: none"> • Double-click "RISO GOCCOPRO Series" in the [Printers] folder to check whether the data transmission is completed. • Keep the screen saver turned off until the data transmission from your computer is completed.
	Did you interrupt the outputting operation with application software?	Perform the following actions. <ol style="list-style-type: none"> 1. Turn off the machine. 2. Wait for about 10 seconds, and then turn on the machine.
	Is the USB cable or the LAN cable disconnected?	Perform the following actions. <ol style="list-style-type: none"> 1. Cancel the transmission from your computer. 2. Turn off the machine. 3. Correctly connect the cable again. 4. Turn on the machine.
	Do the settings of the application software (original size, original direction, printer driver selection, etc.) match the settings of the printer driver?	Match the settings of the application software with the settings of the printer driver. ▶ Ref. "Details of Printer Driver Settings" on page 36
Screen making is not started when the data is transmitted from your computer.	Is "Auto Screen Making" of the printer driver set to the initial setting (OFF)?	Press the <START> Key of the machine to start screen making.
	Does the selected printer driver support the machine?	Select a printer driver that supports the machine, and then perform the outputting operation on the application again.
	Is the data in "Print Queue" or "Printing" in "RISO GOCCOPRO Series" in the [Printers] folder?	Wait until the data transmission from your computer is completed.

When the Image is Not Correctly Produced onto the Screen

Problem	Checkpoint	Action
The data transferred onto the screen is displaced or its edge is missing.	Does the size of the original data created on the application software exceed the image area?	When an imaged screen is produced, margins are added on the Top and End sides of the original data. In addition, any part outside the image area will not be transferred onto the screen. Check the frame type and the size of the original data.
Characters are not transferred correctly onto the screen (the font of the transferred characters differs from the original).	Is the output of the application software set to "Use Printer Fonts"?	In the application, specify other than "Use Printer Fonts".
Graphics are not transferred correctly onto the screen.	Does the printer driver support the machine?	When original data is edited after a printer driver that does not support the machine is selected, graphics may not be transferred correctly onto the screen. After selecting the driver supporting the machine, edit the original data and produce an imaged screen again.
Images are deformed/reduced in size.	Does the printer driver support the machine?	Be sure not to produce an imaged screen after selecting a printer driver that does not support the machine.
The original size registered in the [Original size entry] dialog box is not shown in the list.	Did you click [Add] in the [Original size] tab after entering the size?	Click [Close] in the [Original size entry] dialog box to close the dialog box, and then click [OK] (or [Apply]) in the [Original size] tab. ▶ Ref. "Registering Original Size" on page 72
	Has an original size with the same name already been registered?	Register the original size with a different size name.
Values cannot be entered in [Custom] of the [Original size] tab.	Did you try to enter a value that exceeds the setting range?	The original sizes that can be entered are: 0.39" to 11.69" / 10 mm to 297 mm in width and 0.39" to 31.50" / 10 mm to 800 mm in length. Enter a value within the range.

Problem	Checkpoint	Action
A long name cannot be entered in the [Original size entry] dialog box.	Did you try to enter a name that exceeds the limit of the number of characters you can enter?	You can enter up to 30 characters.
[Width] or [Length] cannot be entered in the [Original size entry] dialog box.	Did you try to enter a value that exceeds the setting range?	The original sizes that can be entered are: 0.39" to 11.69" / 10 mm to 297 mm in width and 0.39" to 31.50" / 10 mm to 800 mm in length. Enter a value within the range.

MEMO

Appendix

- Registering Original Size [▶Ref.](#) page 72
- Manually Installing the Printer Driver [▶Ref.](#) page 73
- Uninstalling the Printer Driver [▶Ref.](#) page 83
- Consumables and Options [▶Ref.](#) page 86
- Specifications [▶Ref.](#) page 87

Registering Original Size

To create an original data of an arbitrary size, register the original size in the printer driver in advance.

1 Start your computer.

2 Open the [Printers] folder.

For Windows 10

Click [Start] - [Windows System] - [Control Panel] - [Hardware and Sound] - [Devices and Printers] and open the [Devices and Printers] folder.

For Windows 8.1 / Windows 8:

Open the "Apps" screen and click [Control Panel] - [Hardware and Sound] - [Devices and Printers].

For Windows 7:

Click [Start] - [Control Panel] - [Hardware and Sound] - [Devices and Printers].

For Windows XP:

Click [Start] - [Printers and Faxes] from the [Start] menu and open the [Printers and Faxes] folder.

For Windows Vista:

Click [Start] - [Control Panel] - [Hardware and Sound] - [Printers].

3 Right-click the [RISO GOCCOPRO Series] icon, and select [Printer properties] ([Properties] for Windows XP / Windows Vista) from the displayed menu.

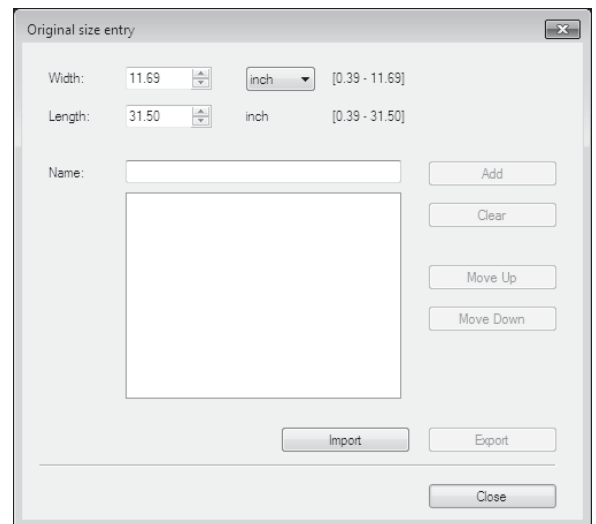
4 Click the [Original size] tab.

5 Click [Original size entry].

6 1) When the [Original size entry] dialog box appears, enter the width, length and name.

2) After making all entries, click [Add].

The name of the entered original size is displayed in the list of standard original sizes.



7 In the [Original size entry] dialog box, click [Close].

- Note**
- By clicking [Export], you can save the entered information as an original size registration file (extension: udp).
 - To register the original size in the printer driver from the original size registration file, click [Import] to select the file.
 - To register a landscape-oriented original, enter the length of the long side in [Width] and the length of the short side in [Length].
▶ Ref. "When Making a Screen from a Landscape-oriented Original:" on page 13
 - Entering the name and the size in the name field in advance is useful because it will help you identify the size when selecting the original size.
 - The original paper sizes that can be registered are as follows.
Width: 0.39" to 31.50" / 10 mm to 297 mm
Length: 0.39" to 11.69" / 10 mm to 800 mm
 - To delete a registered original size, select the original size and click [Clear].

8 Click [OK].

The registration of the original size is now completed.

Manually Installing the Printer Driver

This section describes the procedure for installing the printer driver without using the installer.

For Windows 10

- Important!**
- To install the printer driver, it is necessary to log on to Windows by the account with the authority to change the system setting (administrator, etc.).
 - This printer driver does not support printer sharing.

USB Connection

- 1 Turn on the machine.
 - 2 Connect a USB cable to the machine.
 - 3 Start your computer.
 - 4 Connect the USB cable to your computer.
- Important!** Do not proceed to the next step until [Device driver software was not successfully installed] appears on the task tray.
- 5 Start [Device Manager].
Click [Control Panel] - [Hardware and Sound] - [Device Manager].
 - 6
 - 1) Click [Other devices].
 - 2) Right-click [RISO GOCCOPRO Series].
 - 3) Click [Update Driver Software] from the menu that appears.

Note If [RISO GOCCOPRO Series] is not displayed, click [Action] - [Scan for hardware changes].
 - 7 Select [Browse my computer for driver software].
 - 8 Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.

- 9 Click [Browse], and select the following folder and then click [OK].
For Windows 10 (32-bit):
 (CD-ROM): [Windows 32-bit] - [Driver] - [WinVista_8] - [English]
For Windows 10 (64-bit):
 (CD-ROM): [Windows 64-bit] - [Driver] - [WinVista_8] - [English]
- 10 Select [RISO GOCCOPRO Series], and click [Next].
- 11 Click [Close], and reboot your computer.
- 12 Click [Control Panel] - [Hardware and Sound] - [Devices and Printers].
- 13 Right-click [RISO GOCCOPRO Series], and select [Printer Properties].
- 14 Click [Print processor] on the [Advanced] tab.
- 15 Click the following print processor from the list of [Print processor].
 For Windows 10 (32-bit): [R35V8EP]
 For Windows 10 (64-bit): [R35V6EP]

- 16 Select [NT EMF 1.008] from the list of [Default data type], and click [OK].
- 17 Transfer the test page onto a screen from the [General] tab, and check that the original data is correctly transferred.

A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)

Note It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.

- 18 Click [OK] to close the dialog box.

Network Connection (LAN)

Important! To establish network connection, the optional "RISO Network Card" is required.

- 1 Click [Control Panel] - [Hardware and Sound] - [Devices and Printers].
- 2 Click [Add a printer].
- 3 Click [Add a local printer].
- 4 Create a TCP/IP port or an LPR port.
- 5 Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.
- 6 Click [Have Disk].
- 7 Select the following inf file from [Browse], and click [OK].
For Windows 10 (32-bit):
(CD-ROM): [Windows 32-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
For Windows 10 (64-bit) :
(CD-ROM): [Windows 64-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
- 8 Select [RISO GOCCOPRO Series], and click [Next].

- 9 Enter [Printer Name], and click [Next].
- 10 Transfer the test page onto a screen, and check that the original data is correctly transferred.
A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)
Note It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.
- 11 Click [Finish] to close the dialog box.
- 12 Reboot your computer.

For Windows 8.1 / Windows 8

- Important!**
- To install the printer driver, it is necessary to log on to Windows by the account with the authority to change the system setting (administrator, etc.).
 - This printer driver does not support printer sharing.

USB Connection

- 1 Turn on the machine.
 - 2 Connect a USB cable to the machine.
 - 3 Start your computer.
 - 4 Connect the USB cable to your computer.
- Important!** Do not proceed to the next step until [Device driver software was not successfully installed] appears on the task tray.
- 5 Start [Device Manager].
Click [Control Panel] - [Hardware and Sound] - [Device Manager].
 - 6
 - 1) Click [Other devices].
 - 2) Right-click [RISO GOCCOPRO Series].
 - 3) Click [Update Driver Software] from the menu that appears.

Note If [RISO GOCCOPRO Series] is not displayed, click [Action] - [Scan for hardware changes].
 - 7 Select [Browse my computer for driver software].
 - 8 Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.

- 9 Click [Browse], and select the following folder and then click [OK].
 For Windows 8.1 / Windows 8 (32-bit):
 (CD-ROM): [Windows 32-bit] - [Driver] - [WinVista_8] - [English]
 For Windows 8.1 / Windows 8 (64-bit):
 (CD-ROM): [Windows 64-bit] - [Driver] - [WinVista_8] - [English]
- 10 Select [RISO GOCCOPRO Series], and click [Next].
- 11 Click [Close], and reboot your computer.
- 12 Click [Control Panel] - [Hardware and Sound] - [Devices and Printers].
- 13 Right-click [RISO GOCCOPRO Series], and select [Printer Properties].
- 14 Click [Print processor] on the [Advanced] tab.
- 15 Click the following print processor from the list of [Print processor].
 For Windows 8.1 / Windows 8 (32-bit): [R35V8EP]
 For Windows 8.1 / Windows 8 (64-bit): [R35V6EP]

- 16 Select [NT EMF 1.008] from the list of [Default data type], and click [OK].
- 17 Transfer the test page onto a screen from the [General] tab, and check that the original data is correctly transferred.

A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)

Note It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.

- 18 Click [OK] to close the dialog box.

Network Connection (LAN)

Important! To establish network connection, the optional "RISO Network Card" is required.

- 1 Click [Control Panel] - [Hardware and Sound] - [Devices and Printers].
- 2 Click [Add a printer].
- 3 Click [Add a local printer].
- 4 Create a TCP/IP port or an LPR port.
- 5 Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.
- 6 Click [Have Disk].
- 7 Select the following inf file from [Browse], and click [OK].
For Windows 8.1 / Windows 8 (32-bit):
(CD-ROM): [Windows 32-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
For Windows 8.1 / Windows 8 (64-bit) :
(CD-ROM): [Windows 64-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
- 8 Select [RISO GOCCOPRO Series], and click [Next].

- 9 Enter [Printer Name], and click [Next].
- 10 Transfer the test page onto a screen, and check that the original data is correctly transferred.
A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)
Note It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.
- 11 Click [Finish] to close the dialog box.
- 12 Reboot your computer.

For Windows 7

- Important!**
- To install the printer driver, it is necessary to log on to Windows by the account with the authority to change the system setting (administrator, etc.).
 - This printer driver does not support printer sharing.

USB Connection

- 1 Turn on the machine.
- 2 Connect a USB cable to the machine.
- 3 Start your computer.
- 4 Connect the USB cable to your computer.

Important! Do not proceed to the next step until [Device driver software was not successfully installed] appears on the task tray.
- 5 Start [Device Manager].
[Start] - enter "Device Manager" in the [Search programs and files], and then click [Device Manager].
- 6
 - 1) Click [Other devices].
 - 2) Right-click [RISO GOCCOPRO Series].
 - 3) Click [Update Driver Software] from the menu that appears.
- 7 Select [Browse my computer for driver software].
- 8 Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.
- 9 Click [Browse], and select the following folder and then click [OK].
 For Windows 7 (32-bit):
 (CD-ROM): [Windows 32-bit] - [Driver] - [WinVista_8] - [English]
 For Windows 7 (64-bit):
 (CD-ROM): [Windows 64-bit] - [Driver] - [WinVista_8] - [English]
- 10 Select [RISO GOCCOPRO Series], and click [Next].
- 11 Click [Close], and reboot your computer.
- 12 Click [Control Panel] - [Hardware and Sound] - [Devices and Printers].
- 13 Right-click [RISO GOCCOPRO Series], and select [Printer Properties].
- 14 Click [Print processor] on the [Advanced] tab.
- 15 Click the following print processor from the list of [Print processor].
 For Windows 7 (32-bit): [R35V8EP]
 For Windows 7 (64-bit): [R35V6EP]

- 16 Select [NT EMF 1.008] from the list of [Default data type], and click [OK].
- 17 Transfer the test page onto a screen from the [General] tab, and check that the original data is correctly transferred.

A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)

Note It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.

- 18 Click [OK] to close the dialog box.

Network Connection (LAN)

Important! To establish network connection, the optional "RISO Network Card" is required.

- 1 Click [Control Panel] - [Hardware and Sound] - [Devices and Printers].
- 2 Click [Add a printer].
- 3 Click [Add a local printer].
- 4 Create a TCP/IP port or an LPR port.
- 5 Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.
- 6 Click [Have Disk].
- 7 Select the following inf file from [Browse], and click [OK].
For Windows 7 (32-bit):
(CD-ROM): [Windows 32-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
For Windows 7 (64-bit) :
(CD-ROM): [Windows 64-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
- 8 Select [RISO GOCCOPRO Series], and click [Next].

- 9 Enter [Printer Name], and click [Next].
- 10 Transfer the test page onto a screen, and check that the original data is correctly transferred.
A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)
Note It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.
- 11 Click [Finish] to close the dialog box.
- 12 Reboot your computer.

For Windows XP

Important!

- To install the printer driver, it is necessary to log on to Windows by the account with the authority to change the system setting (administrator, etc.).
- This printer driver does not support server OS or printer sharing.

USB Connection

- 1 Turn on the machine.
- 2 Connect a USB cable to the machine.
- 3 Start your computer, and insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.
- 4 Connect the USB cable to your computer.
The [Found New Hardware Wizard] dialog box appears.
- 5 Select [Install from a list or specified location], and click [Next].
- 6 Select [Don't search. I will choose the driver to install.], and click [Next].
- 7 Click [Have Disk], and select the inf file of the driver to be installed.
(CD-ROM): [Windows 32-bit] - [Driver] - [WinXP] - [English] - RISODRV. INF
- 8 Select [RISO GOCCOPRO Series], and click [Next].
- 9 Click [Finish].
- 10 Reboot your computer.
- 11 Open the Printers folder, and open the properties of the installed printer driver.
- 12 Click [Print Processor] on the [Details] tab.
- 13 Click [R35X8EP] from the list of [Print Processor].
- 14 Select [NT EMF 1.008] from the list of [Default data type], and click [OK].
- 15 Transfer the test page onto a screen, and check that the original data is correctly transferred.
A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)

Note It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.

Network Connection (LAN)

Important! To establish network connection, the optional "RISO Network Card" is required.

- 1 Start [Add a Printer].
- 2 Select [Local Printer], and click [Next].
- 3 Create a TCP/IP port or an LPR port.
- 4 Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.
- 5 Click [Have Disk], and select the inf file of the driver to be installed.
(CD-ROM): [Windows 32-bit] - [Driver] - [WinXP] - [English] - RISODRV. INF
- 6 Select [RISO GOCCOPRO Series], and click [Next].
- 7 Transfer the test page onto a screen, and check that the original data is correctly transferred.
A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)

Note It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.
- 8 Reboot your computer.

For Windows Vista

Important!

- To install the printer driver, it is necessary to log on to Windows by the account with the authority to change the system setting (administrator, etc.).
- This printer driver does not support printer sharing.

USB Cable Connection

- 1 Turn on the machine.
- 2 Connect a USB cable to the machine.
- 3 Start the computer.
- 4 Connect the USB cable to the computer.
The [Found New Hardware Wizard] dialog box appears.
- 5 Select [Locate and install driver software] - [Don't search online].
- 6 Select [I don't have the disk. Show me other options.] - [Browse my computer for driver software].
- 7 Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.
- 8 Click [Browse], and select the inf file of the driver to be installed.
For Windows Vista (32-bit):
(CD-ROM): [Windows 32-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
For Windows Vista (64-bit):
(CD-ROM): [Windows 64-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
- 9 Select [RISO GOCCOPRO Series], and click [Next].
- 10 Reboot the computer.
- 11 Open the Printers folder, and then open the properties of the installed printer driver.
- 12 Click [Print processor] on the [Details] tab.

-
- 13** Click the following processor from the list of [Print Processors].
For Windows Vista (32-bit): [R35V8EP]
For Windows Vista (64-bit): [R35V6EP]
- 14** Select [NT EMF 1.008] from the list of [Default data type], and click [OK].

- 15** Transfer the test page onto a screen, and check that the original data is correctly transferred.
A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)
- Note** It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.

Network Connection (LAN)

Important! To establish network connection, the optional "RISO Network Card" is required.

- 1** Start [Add a Printer].
- 2** Select [Add a Local Printer], and click [Next].
- 3** Create a TCP/IP port or an LPR port.
- 4** Insert the included [RISO GOCCOPRO Printer Driver] CD-ROM into your computer's CD-ROM drive.
- 5** Click [Have Disk], and select the inf file of the driver to be installed.
For Windows Vista (32-bit):
(CD-ROM): [Windows 32-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
For Windows Vista (64-bit):
(CD-ROM): [Windows 64-bit] - [Driver] - [WinVista_8] - [English] - RISODRV.INF
- 6** Select [RISO GOCCOPRO Series], and click [Next].
- 7** Transfer the test page onto a screen, and check that the original data is correctly transferred.
A test pattern is transferred onto a screen using Frame 1 (frame length: 23.2" / 590 mm)
- Note** It is recommended to use a frame with the "MINIMUM" setting.
See "3) Selecting a Frame" on page 40.
- 8** Reboot the computer.

Uninstalling the Printer Driver

Important! To uninstall the printer driver, it is necessary to log on to Windows by the account with the authority to change the system setting (administrator, etc.).

In Case of Windows 10 / Windows 8.1 / Windows 8 / Windows 7 / Windows Vista
When uninstalling the printer driver using the uninstaller, the driver package cannot be deleted. If it is necessary to delete the drive pack in cases such as re-installation of the printer driver, manually uninstall the printer driver.

In Case of Using the Uninstaller

1 Start the Uninstaller.

For Windows 10 :

Click [Start] - [RISO GOCCOPRO Series] - [Uninstaller] in this order.

For Windows 8.1 / Windows 8 :

Open the “Apps” screen and click [Uninstaller] in the [RISO GOCCOPRO Series] group.

For Windows 7 / Windows XP / Windows Vista :

Click [Start] - [All programs] - [RISO] - [GOCCOPRO Series] - [Uninstaller].

2 1) Select your language from the drop-down list menu.

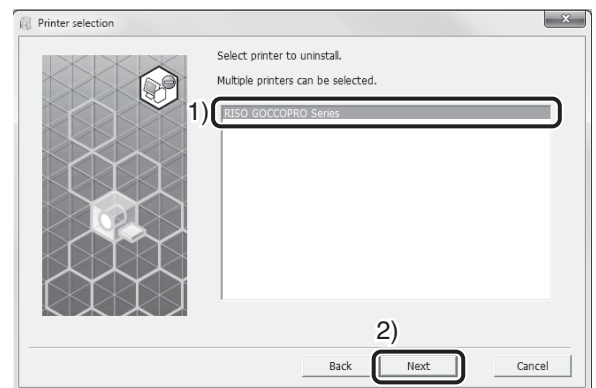
2) Click [OK].



3 Click [Next].

4 1) Check that [RISO GOCCOPRO Series] is selected.

2) Click [Next].



5 When the [Uninstallation check] dialog box appears, click [Uninstall].

6 Click [Finish].

When uninstalling the printer driver, be sure to reboot the computer. Checking the [Reboot the PC Now] checkbox will reboot the computer after [Finish] is clicked.

In Case of Manually Uninstalling the Printer Driver

For Windows10 / Windows 8.1 / Windows 8 / Windows 7

- | | |
|---|--|
| <ol style="list-style-type: none">1 Click [Control Panel] - [Hardware and Sound] - [Devices and Printers].2 Right-click [RISO GOCCOPRO Series], and click [Remove device] from the displayed menu.3 Click [RISO GOCCOPRO Series], and click [Print server properties] at the top of the window. | <ol style="list-style-type: none">4 From the [Driver] tab, select the [RISO GOCCOPRO Series] and click [Remove].5 When the [Remove Driver and Package] dialog opens, [Remove driver and driver package.] to delete the driver and driver package. |
|---|--|

For Windows XP

- | | |
|--|--|
| <ol style="list-style-type: none">1 Select [Printers and Faxes] from the [Start] menu and open the [Printers and Faxes] folder.2 Right-click [RISO GOCCOPRO Series], and click [Delete] from the displayed menu.3 From the [Printers and Fax] folder, click [File] - [Server Properties].4 Click the [Driver] tab.5 Select [RISO GOCCOPRO Series], and click [Delete]. | |
|--|--|

For Windows Vista

- 1 Click [Start] - [Control Panel] - [Hardware and Sound] - [Printers].
- 2 Right-click [RISO GOCCOPRO Series], and click [Delete] from the displayed menu.
- 3 Right-click on the margin of the [Printers] folder, and click [Run as administrator] - [Server properties] from the displayed menu.
- 4 Click the [Driver] tab.
- 5 Select [RISO GOCCOPRO Series], and click [Delete].
- 6 When the [Delete driver and package] dialog box appears, select [Delete driver and driver package].

Consumables and Options

Consumable specifications and types are subject to change without notice.
For pricing information, contact your dealer.

Screen Master Roll

For the Screen Master Roll, it is recommended to use the products specified by Riso. Do not use an improper screen master. Failure to observe this precaution may cause the errors or troubles.

RISO DIGITAL SCREEN MASTER 70P-32-12

This screen master is 70 mesh per inch type for water-based ink and solvent type ink. Appropriate for textile printing such as T-shirts printing, printing names on towels and printing on timbers, etc. This is suitable for the ink which contains relatively large pigments such as gold ink.

RISO DIGITAL SCREEN MASTER 120P-32-12

This screen master is 120 mesh per inch type for water-based ink and solvent type ink. Appropriate for textile printing such as T-shirts printing, printing names on towels and printing on timbers, etc. This is suitable for fine-quality printing. The performance is well-balanced in printing both fine text and solid image.

RISO DIGITAL SCREEN MASTER 200P-32-12

This screen master is 200 mesh per inch type for water-based ink and solvent type ink. Appropriate for fine-quality printing on the materials like plastics, metals and artificial leathers as well as textile printing. This is suitable for printing fine text, lines and dot screen image.

Options

We offer options to help you use the machine more conveniently.

RISO GOCCOPRO Printer Driver for Macintosh

A printer driver for connecting the machine with Macintosh.

RISO Network Card

Necessary to be used in network connection (LAN) or connecting the machine with Macintosh.

Disposal of a Depleted Screen Master Roll

Dispose the depleted Screen Master Roll according to the disposal rule of your local community.

When it is necessary to segregate wastes, refer to the following table.

Part name	Material
Core	Paper
Screen master	Polyester

Specifications

Model: GOCCOPRO 100

Screen making method	High-speed digital screen making
Screen-making time	Approx. 105 sec (when screen making length 16.5" / 420 mm and Frame 1 (23.2" / 590 mm) are selected)
Image Area	Minimum: 0.39" / 10 mm (width) × 0.39" / 10 mm (length) Maximum: 11.69" / 297 mm (width) × 31.50" / 800 mm (length)
Resolution	600 dpi × 600 dpi (perforation density: 1200 dpi)
Operation	LED panel / front operation
Margin	When Frame 1 to 5 is selected: 2.4" / 60 mm or more on the Top side, 2.4" / 60 mm or more on the End side When MINIMUM (minimum margin) is selected: 2.4" / 60 mm fixed on the Top side, 0.5" to 1.2" / 15 mm to 30 mm on the End side When MANUAL (arbitrary margin) is selected: 2.4" to 8.0" / 60 mm to 200 mm on the Top side, 0.6" to 8.0" / 15 mm to 200 mm on the End side
Screen length	Minimum: 3.3" / 85 mm (when image area length 0.39" / 10 mm and frame setting: MINIMUM (minimum margin) (2.4" / 60 mm on the Top side, 0.6" / 15 mm on the End side) are selected) Maximum: 47.2" / 1200 mm (when image area length 31.50" / 800 mm and frame setting 1 to 5 (8.0" / 200 mm on the Top side, 8.0" / 200 mm on the End side) are selected)
Custom Setting mode	Frame setting (Frame 1 to 5, MINIMUM), Auto Power Off, Beep Sound, Inch/mm Changeover, Imaged Screen Counter, Screen Running Counter, Image expansion/contraction, Network card initialization, Custom Setting Mode Setting Initialization
Main unit storage	128MB
Supported OS	Microsoft® Windows® 10 (32-bit/64-bit), Microsoft® Windows® 8.1 (32-bit/64-bit), Windows® 8 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows® XP (32-bit), Windows Vista® (32-bit/64-bit)
Screen master feed direction	Fully automatic

Power supply	100-120V / 3.0A, 220-240V / 1.2A, 50-60 Hz
Power consumption	Approx. 200 W
Main unit size	During use: 23 13/16" (W) × 25 19/32" (D) × 15 5/32" (H) 605 mm (W) × 650 mm (D) × 385 mm (H) During storage: 19 11/16" (W) × 25 19/32" (D) × 15 5/32" (H) 500 mm (W) × 650 mm (D) × 385 mm (H)
Dimensions	When the Screen Making Unit Cover, Imaged Screen Tray and Screen Master Roll Holder are opened: 23 13/16" (W) × 26 25/32" (D) × 28 15/16" (H) 605 mm (W) × 680 mm (D) × 735 mm (H)
Weight (*1)	Approx. 78lb (35 kg)
Safety information	Indoor type, pollution degree 2(*2) at altitudes of 2000 m or lower
Options	RISO GOCCOPRO Printer Driver for Macintosh, RISO Network Card

*1 Excluding a Screen Master Roll.

*2 The pollution degree of the usage environment due to dirt and dust in the air.
Degree "2" corresponds to a general indoor environment.

● Note

- Please note that due to improvements and changes to the machine, some images and explanations in this guide may not correspond to your machine.
- The specifications are subject to change without prior notice.

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Notice for European Union Member States

RISO, the environment and the Waste Electrical and Electronic Equipment Directive "WEEE Directive"

What is the WEEE Directive?

The purpose of the WEEE Directive is to reduce waste and ensure Electrical and Electronic Equipment is recycled at the end of its useful life.



What does the crossed out wheeled bin symbol mean?

The crossed out wheeled bin symbol indicates this product must be disposed of separately to normal waste.

Please contact your RISO service agent for information about disposal.

What does the solid bar symbol mean?

The solid bar under the crossed out wheeled bin indicates this product was put on the market after the 13th August 2005.

Who should I contact if I want more information about the WEEE Directive?

You should contact your local RISO service agent for more information.

