RONGDA

Operation Manual

Applicable for the models

JR-7370S / JR-7360S / JR-6370S / JR-6360S

Ningbo Rongda Imagine&Intelligent Manufacture Technology Co.,Ltd

Preface

First of all, thanks for purchasing our machine.
This product is a Class A product. In the living environment, this product may cause radio interference. In such cases, the user may be required to take practical measures against the resulting interference.
The Manual records the operation method of machine and notices for use. To use the machine safely, easily and efficiently, please read the Operation Manual before using the machine.

Description of symbols in Operation Manual

Warning — Operation regardless of warning may lead to death or serious injury.

Caution — Improper operation regardless of notice may lead to personal injury or property loss.

The symbol represents [Prohibitions], which will represent or illustrate specific prohibited contents in Fig. or article.

 etc.

The symbol represents [behavioral norms] and [indicated contents], which will represent or illustrate specific [behavioral norms] and [indicated contents] in Fig. or article.

 etc.

Cheak — Record reference page/item of Operation Manual.

Hints — Record reminders.

Important — Record necessary notices and paper feeding notices.

Represent display picture of display screen. (For easy reading, font color may be different with realistic color)

Permits and Prohibitions

- Contents of the article can not be reproduced without consent.
- Information of the article may be changed without prior notice.
- The article will record detailed operating instructions, please contact us in case of having unknown, mistaken and missed contents.
- Our company is not responsible for loss caused by improper operation or machine characteristics (failure and natural loss) .
- Contents of the article may be changed due to change and modification of the machine. The machine may have some differences with your actual machine, sorry for the inconvenience.

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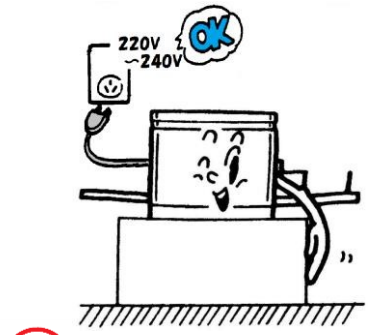
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Safe Use Manual

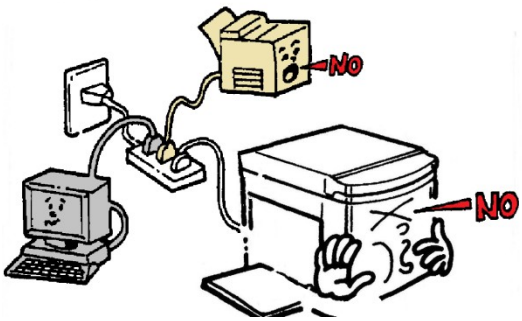
Warning

- Power supply: use AC power supply/domestic power supply (AC 220V~240V) . Do not use unregulated power supply.
  Use of unregulated power supply may lead to electric shock and fire hazard accidents.



Prohibit

- Please use independent socket.
  Do not share socket with high power appliances like duplicator/printer/microwave oven.
  Sharing public socket with other machines may lead to fire hazards, electric shock and power outage.



Pl

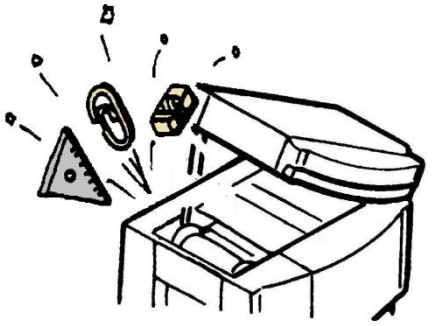
- Do not put vessel filled with liquid on the machine.
  If the vessel turns over, liquid in vessel may enter the machine to cause fire hazards and electric shock accidents.



Prohibit

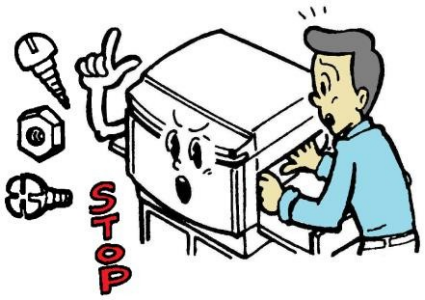
Warning

・ Please do not drop sheet metal (like clip and staple) and combustibles in the machine, or fire hazards and electric shock accidents will be caused.



Prohibit

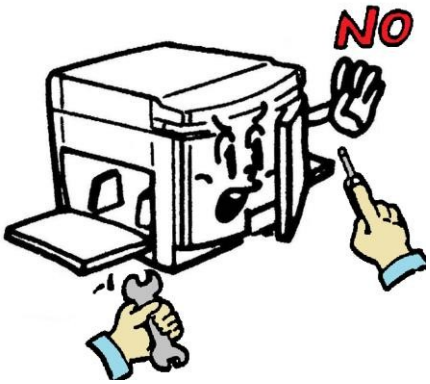
・ Please do not dismantle the outer cover of the machine.
High-pressure, high-temperature, sharp and rotating members in the machine may lead to scratches and electric shock accidents.



Prohibit dismantling

・ Please do not modify the machine and replace components without permission.
Unauthorized operation may lead to fire hazards and electric shock accidents.

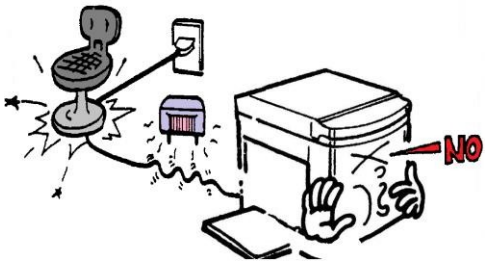
※ Exclude replacement of consumables.



Prohibit modification

Warning

- Do not use scratched and modified power cord. Furthermore, do not step on, press, hale and scratches power cord to avoid fire hazards and electric shock accidents.



Prohibit

- If the machine has abnormal high temperature, smoke and peculiar smell, fire hazards or electric shock accidents may be caused, please directly pull out the power supply in this case, and then contact with Supplier or After-sales Department.



Pull out the plug

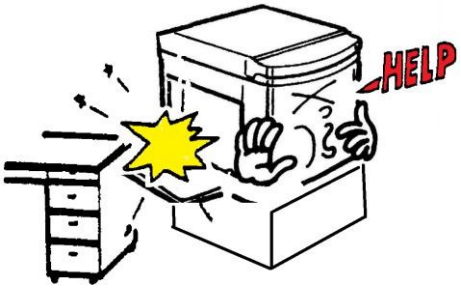
- If sundries (metal, water and liquid) drop into the machine, first, turn off the switch, pull out the power supply, and contact with the Supplier or After-sales Department.
  If the machine is directly used without taking measures, it may lead to fire hazards and electric shock accidents.



Pull out the plug

Warning

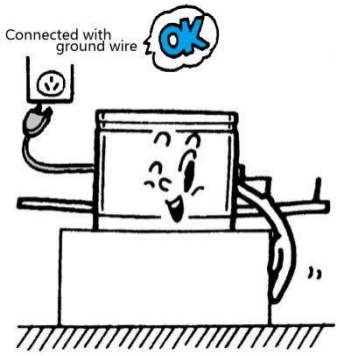
- If the machine slides down and its outer cover is damaged, first turn off the switch, pull out the power supply, and then contact with the Supplier or the After-sales Department.
  If the machine is directly used without taking measures, it may lead to fire hazards and electric shock accidents.



Pull out the power supply

- The machine must be connected with ground wire. Please use special power cord attached with the machine, and then use triangle socket for connection. Electric leakage may lead to fire hazards and electric shock accidents.

  (Contact of gas pipe line and water pipe is prohibited) .



Connect the ground wire

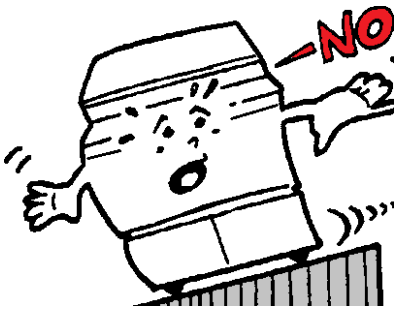
- Please do not pull out and insert plug by wet hand, or fire hazards and electric shock accidents may be caused.



Prohibit

Caution

- Please put the machine on hard horizontal plane, or the machine may drop to lead to personnel injury or influence its normal use.



Prohibit

- Please do not put the machine near the volatile combustible or in damp, dusty and easily-vibrated places, or fire hazards and electric shock accidents will be caused.



Prohibit

- Please do not put the machine near cooking utensils and humidifier to prevent entrance of cooking fumes and fog, or fire hazards and electric shock accidents will be caused.



Prohibit

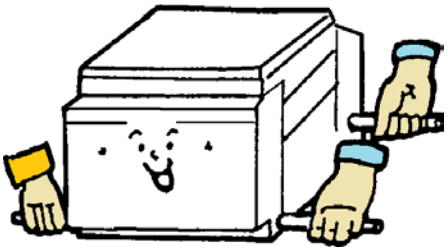
Caution

- Please do not put articles around the machine. If objects slide down, personnel injury and damage of machine may be caused, and furthermore, machine fault may be caused.
- Please don't touch the display board with heavy pressure to avoid the leakage of liquid , leading to the machine broken.



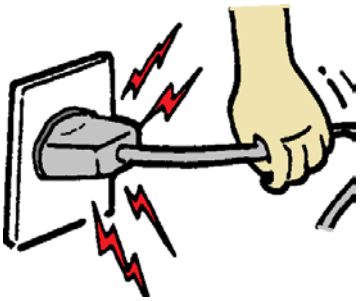
Prohibit

- Please first power off and disconnect the plug when moving the machine, and put away the operation parts (external connection/online) . At least two persons should hold the handle and horizontally move the machine. Furthermore, when the machine is moved by special station, first determine the conditions (step and bulge) of moving route, and then move the machine, or fire hazards, electric shock and ink leaking accidents will be caused.



Prohibit

- When the power plug is unplugged, first switch off the power supply and then hold the plug and unplug it. In case of holding the power cord to unplug the plug, internal electrical wire of power cord may be broken or exposed to cause fire hazards or electric shock accidents. Furthermore, in case of unplugging the plug without switching off the power supply, machine fault may be caused.



Prohibit

Caution

- Ink will be used when the machine is working. When the machine is failed, maintained and repaired, ink may make your clothes and skin dirty, please try to avoid such events.

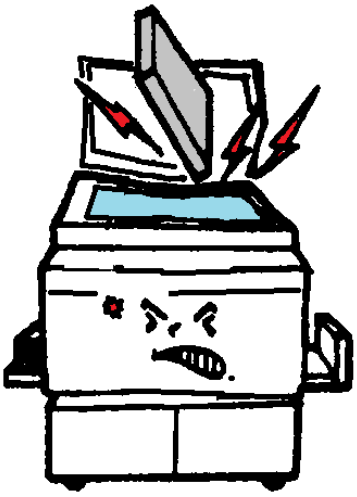
- Original table is made of glass.

  Please pay attention to the following matters in use:
  When originals are heavier like books and magazines, please put the originals on the original table gently.

  If originals are put on the original table violently, the original table may be broken to cause personnel injury. Please do not concentrate your strength on the scanning table by one point, or the original table may be broken to lead to personnel injury.

  Please do not drop objects on the original table, or the original table may be damaged to lead to personnel injury.

  When originals should be pressed, please do not concentrate your strength greatly, or the original table may be broken to lead to personnel injury.



Prohibit

- Since paper powder flies out when paper is fed (when the machine is used to feed paper at high speed) , the machine and its surrounding may be polluted. Please use the machine in ventilation condition.

Energy-saving Mode



When the machine is not operated in a certain time after startup, it may enter energy-saving mode. There are two energy-saving modes: first, the display screen is black [1. Sleep mode] in the power-on state; second, the power supply is automatically cut off [2. Automatic power off mode].

The [Auto Power Off Mode] of the JR-7360S and 6360S is an optional factory feature.

Mode indicator lights have two on left and right. Left is on means Sleep mode. Right's on means Automatic off mode.

1.Sleep mode

If sleep mode has been set, after the machine is powered on, if it is not operated for long term after final printing work is completed, the machine will start energy-saving mode, and the energy-saving indicator lamp is on. At the same time, other indicator lamps and display screen are automatically off. When the machine is used again, if energy-saving key is directly pressed, the machine stops sleep state.

Hints Time of sleep mode can be adjusted from 1 minute to 60 minutes, and the time is united by one minute and can be freely set. Factory setting of time is [10].

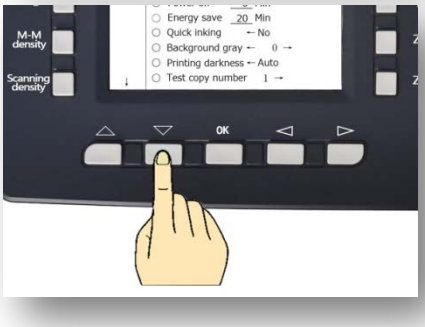
Time setting of sleep mode



i) Press [Setting] key on panel under power-on state.

※ Display picture changes to [Setting menu].

Hints The setting is available only under printing state.
(Under the condition of no error message representation)



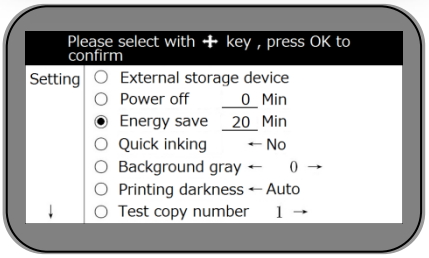
ii) Use the [Move cursor to button [▽] and move the ● mark to the selected setting item.

※ The operating section is on the lower side of the LCD screen.

※ The third item from the top down is [Sleep Mode Time Setting]. Press the [▽] key twice continuously.

iii) Use Numeric key to set the time.

※ It is okay to input [2][0] when the time is set to 20 minutes.

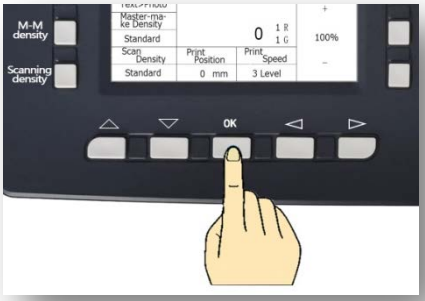


Hints Press【C】Key to cancel this function.

Hints Input numbers accurately in turn.

iv) Press【OK】Key to complete the setting.

※ The machine will go back to the basic picture



When the machine is under Sleep mode, there is only the Sleep indicator lamp is on.



Press Sleep mode relief key to go back to the basic picture when the machine is under Sleep mode.



2.Auto Power-off

JR-7370S/6370S function only
JR-7360S/6360S is an optional function

If the machine starts automatic shutdown function and it is not operated for a certain time under power-on state after the last operation, the machine will start automatic power-off function, and will be automatically powered off.
But if the machine displays fault information or receives online data, it cannot start automatic power off.

Time of shutdown mode can be adjusted from 1 minute to 60 minutes, and the time is united by one minute and can be freely set. Factory setting is [0=non use].

Time Set under Auto power-off mode

i) Press [Setting] Key on panel when machine is on.

※ Display on show will change to [Setting] screen.

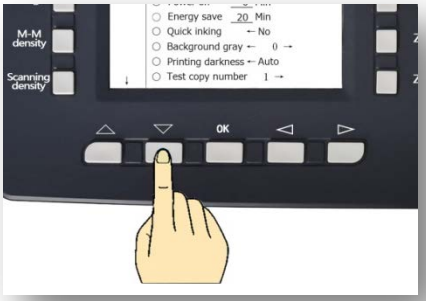
This setting is only workable when printing is available. (under the case that there is no any faults)



ii) Use the [Move cursor to button [▽]] and move the ● mark to the selected setting item.

※ The operating section is on the lower side of the LCD screen.

※ The second item counting down from the top is [Auto Power Off Time Setting].
Press the [▽] key once.

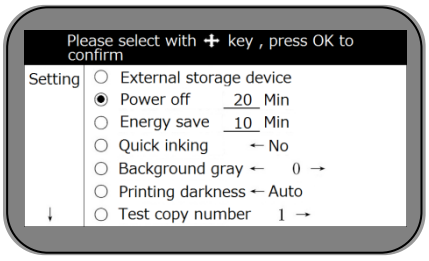


iii) Use numeric button to input the time you want.

※ If you want to set 20 min, then input [2][0] is okay.

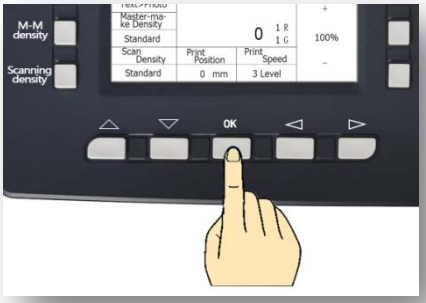
Press [C] key to cancel this function.

Input the numbers correctly by turn.



iv) Press [OK] to confirm this set.

※ The machine go back to the [basic screen]



Auto power-off setting

※ It is workable only time setting is finished

i) Press[Auto power-off setting] on the panel when machine is on.

This setting is only workable when printing is available.
(under the case that there is no any faults)



ii) [Auto power-off]lamp is on,then the setting is completed.



When the auto-off time setting is not made and the setting time is [0], this function can not be workable even if this button is pressed.

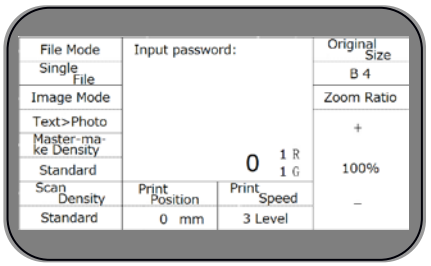
When the error message is displayed during printing, this function can not be workable even if the [SET] button is pressed.

The machine returns to the basic screen (no fault information display) when the stop button is pressed during printing. When the setting time reaches the [AUTO OFF] setting time, the machine will automatically turn off the power and the remaining unprinted pages will be cleared. If you need to suspend printing or leave the machine for a while, when you come back, press the [Auto power off button], turn off the [LED], and release the [Auto power off function].

[Sleep mode function], [power saving mode function] can be enabled at the same time, and the setting time short.er, the earlier to start.

Password setting

In order to prevent others from using the unit,
the machine can be protected by setting a password.



Password setting

i) Press the [SET] button on the operation panel while the machine is turned on.

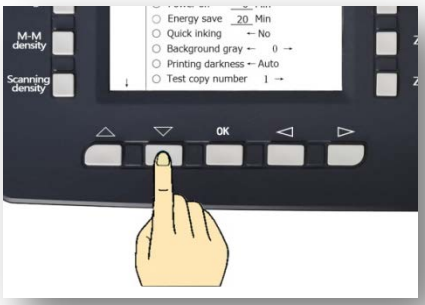
※ The display screen changes to [Setup screen].

Hints This setting can only be made in printable state。
(under the condition that there is no any error)



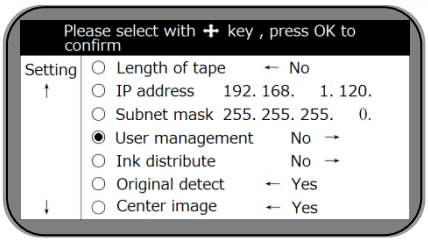
ii) Use [Move cursor to button [▽] to move the ● mark to the selected setting item.

※ The operating section is on the lower side of the LCD screen.

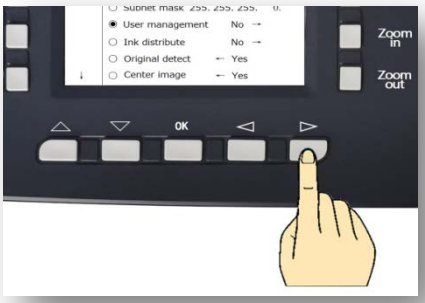


iii) There are three pages of item selection settings, the password setting item is on the second page, press [▽] continuously button to jump to the second page. The fourth item from top to bottom on the second page is [User Management] Setting items.

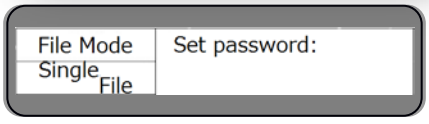
※ Displayed as [No] when no password is set.



iv) Press 【 ▷ 】.



v) The message [set password] will appear in the page number field.



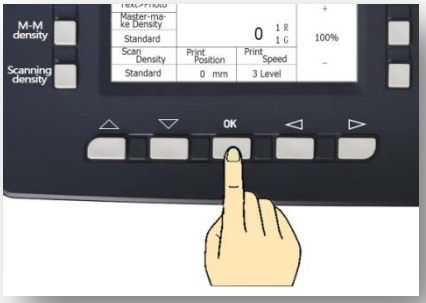
vi) Use the numeric keys to enter any 4 digits.

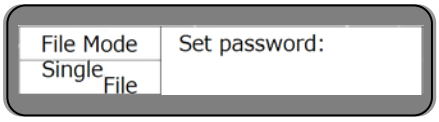


(Hints) The first digit cannot be [0].

(Hints) Input the numbers correctly by turn.

vii) Press [OK] . The screen displays [set password].





viii) Use the numeric keys to enter any 4 digits.

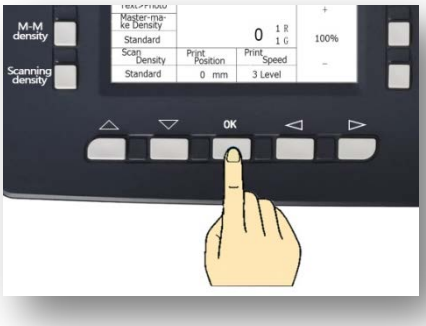


(Hints) The first digit cannot be [0].

(Hints) It does not matter if the first set of passwords is different from the second set. If you set two different sets of passwords, both sets of passwords can be used when entering the password.

ix) Press [OK].

※ The machine returns to the basic screen.



Cancel password setting

i) Press the [Set] key on the panel while the power is on.

※ The display screen changes to [Setup Screen].



(Hints) This setting can only be made printable state。
(under the condition that there is no any error)

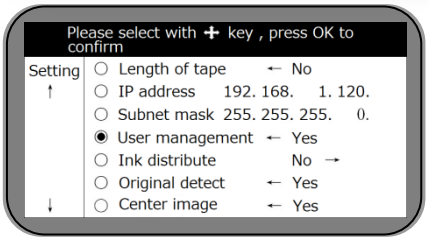
ii) Use [Move cursor to button [▽] to move the ● mark to the selected setting item.

※ The operating section is on the lower side of the LCD screen.

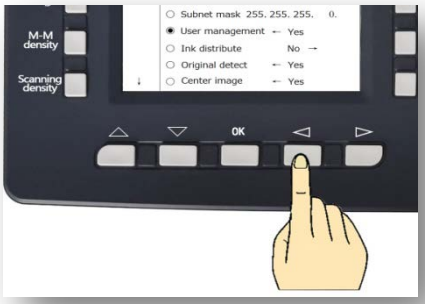


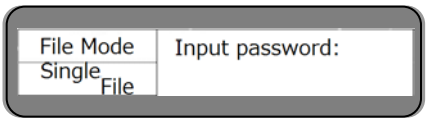
iii)There are three pages of item selection settings, the password setting item is on the second page, press【▽】key to jump to the second page. The fourth item on the second page, counting from top to bottom, is [User Management] Setting items.

※ Displayed as [Yes] when setting a password.



iv) Press [Cursor moving button【 ◁ 】]. The page expression portion will display [Input password] information.





v) Use the numeric keys to enter any 4 digits.

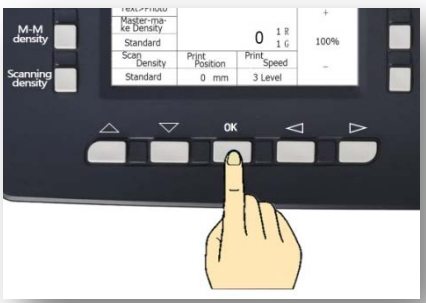
Hints If two passwords are set, it is ok to input either one.

Hints If wrong passwords are input, password setting can not be canceled.



vi) By pressing [OK] button, passwords are relieved.

※ The machine returns to the basic screen.



Important If the password protection function is set, the machine will ask for a password when the main display is off or just turned on. (under opening machine/energy saving mode) .

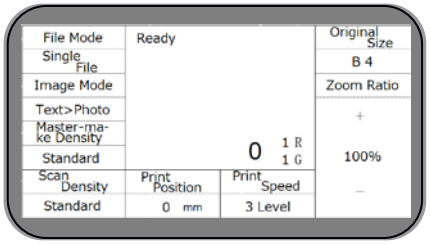
Important If the passwords are forget, please contact the dealer or agent.

Total count display function

The total number of printing and the total number of plates can be determined from the machine after the completion of the installation of the workload, the workload can be used as a standard for machine maintenance, replacement of parts.

Confirmation method

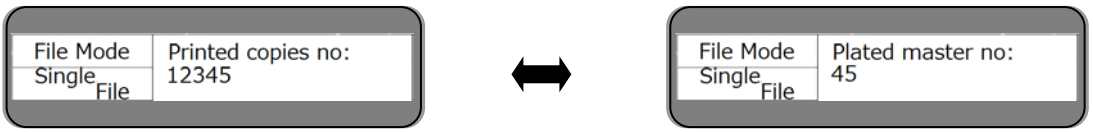
ⅰ) Display is the basic screen.



ⅱ) Long press the [STOP] button.



ⅲ) During the long press, the total number of prints and plates made since the machine set up will appear alternately on the display.



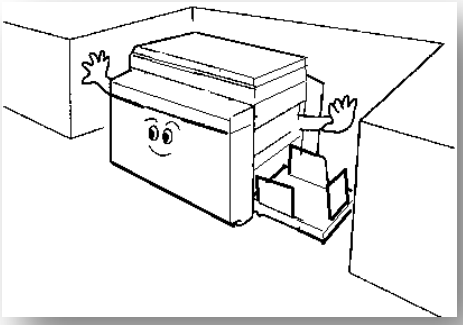
Number expression position is [0], but if the machine is stopped when number is input or during printing, please confirm the item.

Notices before use

This part of the main description of the use of the machine environment, conditions, general precautions, the name of the various parts and functions and other important matters, please read the details before use.

- The installation environment of the machine and precautions 17
- On the original 17
- On printing paper 18
- On paper storage 19
- On page margin 19
- Daily management of machine 20
- Prohibit copying / printing 21
- Name of each part and its functions（by machine model） 22
- Name and function of keys of operation panel 29
- Operation setting picture 31

Installation environment and notices of the machine



・To use the machine safely, please pay attention to operation of machine/replacementof consumables/maintenance, and make sure the machine is installed on horizontal plane.

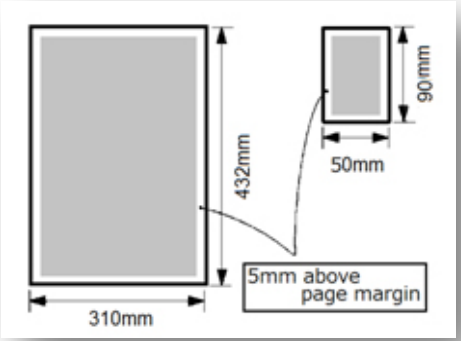
・The following environments have potential safety hazards and are easy to lead to fault of machine, please do not install the machine in the following environments.

In a place exposed to direct sunlight;
Air conditioner/vents/humidifier and other vents;
High-temperature and high-humid/low-temperature and low-humid places;
(Range of application: temperature10°C~35°C / humidity20%~90% = no dew)

Near volatile andcombustible matters and in damp/dusty/multi-vibration place;
Place with magnetic field; Place with loose ground; Unstable place; and rough place.

On the original

Cheak The Original installation way(Page 38)



Range of available paper is shown as follows:

Maximum size： around 310mm × 432mm
Minimum size： around 90mm × 140mm

Hints When other specifications of paper are used, the sizes of originals can not be automatically recognized, but master making is available

When the original is a book

・Weight max. 10kg ・Thickness max. 6cm

Important Make sure originals have 5mm above page margins. If page margin is insufficient, reading of originals will be failed, one part of originals can not be printed, and paper will be jammed.

Important The maximum printing area of the JR-6370S/6360S is 252mm x 360mm (B4 base). When the original exceeds the base and is read in proportion to its actual size, it can be read successfully but cannot be printed in full. In this case please use the reduced plate making function.

Important Although the page margin of the original is regulated to be more than 5mm, standard originals can be not printed successfully. Therefore, there are also many influencing factors, e.g. front fonts of originals are thicker and quality of paper used is bad, they are print failure influencing factors.

Important When writing of original is lighter, background of originals is darker or writing can be only read by eyes but not machine, there will be printing failure phenomenon.

When the following originals are used, please rightly use pantograph function for adjustment.

Originals bigger than 297mm × 420mm = zoom out (JR-7370S/7360S)
Originals bigger than 257mm × 364mm = zoom out (JR6370S/6360S)

Original smaller than 90mm × 140mm = enlarge (JR-7370S/7360S/6370S/6360S)

Thicker originals

Heavier originals

Conventional original size (Paper consumption)

A3	/	297mm × 420mm
8K	/	260mm × 370mm
B4	/	257mm × 364mm
A4	/	210mm×297mm
16K sheet	/	195mm × 270mm
16K book	/	185mm × 260mm
B5	/	182mm × 257mm
A5	/	148mm × 210mm
Post card	/	148mm × 100mm

On printing paper

Paper which can be used in the machine is shown as follows:

Paper characteristics

- Regular paper / think paper (40K) ~ thick paper (128K)
- Recycled paper / regular paper
- Copy paper/ about 40K ~ 128K
- Post card etc.

Unworkable printing paper

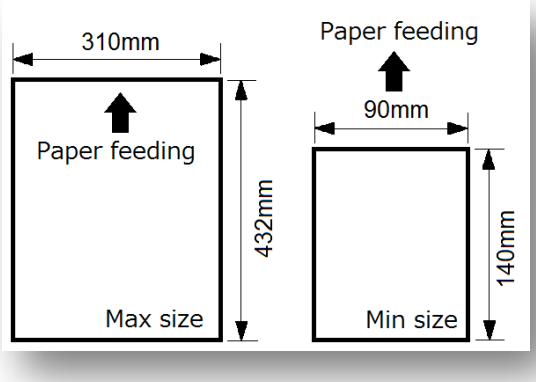
- Glossy paper (with colors)
- Lint paper (paper making、 half paper)
- Pasted thick paper
- Paper with bad cutting side/incision
- Paper seriously deformed by squeezing

Paper size

- Max. / 310mm × 432mm
- Min. / 90mm × 140 mm (Postcard)

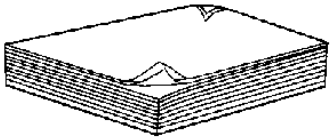
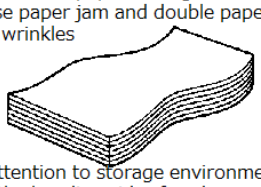
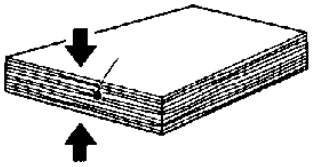
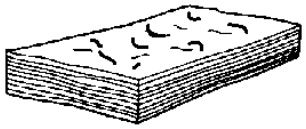
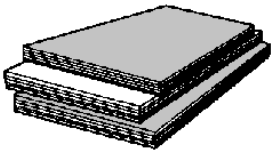
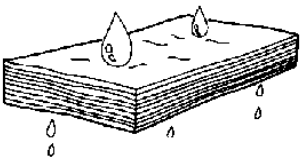
Maximum print range varies depending on model.

- JR–7370S / 7360S = 291mm ×416mm
- JR–6370S / 6360S = 252mm ×360mm



On paper storage

・ Please do not use the following paper, because using of the following paper may lead to fault.

Bent of front end of paper is easy to cause paper jam Double paper intet and erinkles  Take out front bent	Paper is bent and deformed Paper is easy to be rolled on drum. Unfavorable paper arrangement will cause paper jam and double paper inlet and wrinkles  Pay attention to storage environment,and keep the bending sides facedown when in use	Cutting surfaces bonded together to cause paper jam Double paper inlet  Shake paper before use
Uneven paper surface is easy to cause paper jam Double paper intet and erinkles  Take out uneven paper	Different paper sizes are each to cause paper jam Unfavorable paper arrangement  Improve paper quality and size consistency management	Wet paper is easy to cause unfavorable paper arrangement / wrinkles  Do not put paper in wet place Do not put it on ground directly

・ Store paper in dry environment. Dampness of paper is easy to cause [Paper jam], [Poor printing] and other problems.

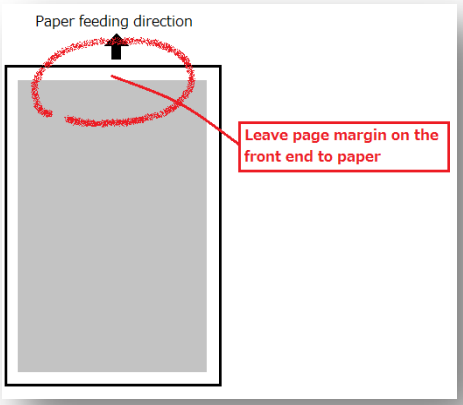
・ Unused paper should be packed by wrapping paper and stored in dry environment.

・ Store paper on horizontal plate.

・ If paper tied by rope has tying marks, please do not use it any longer

On page margin

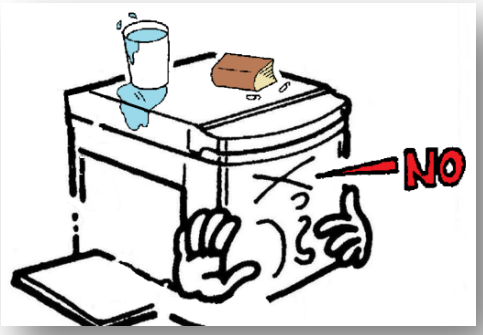
Professional printing ink used in the machine has stronger bond, and paper will be pasted on drum by its bond. Therefore, to guarantee successful printing, it is necessary to leave a certain page margin on the original in paper feeding direction particularly.



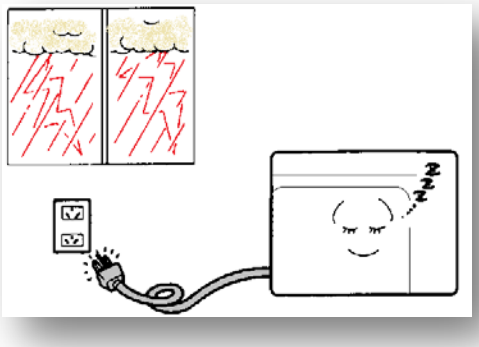
(Hints) To guarantee successful printing, it is better to leave [10mm above] page margin.

Cheak On the original(Page 17)
On printing paper (Page18)
[When paper rolls are used on drum] (Page 133 /137)

Daily management of machine



- Please do not put weights on the machine, and do not impact the machine
- Please do not put bottle and cup filled with water on the machine, once water enters the machine, the insulation effect of the machine will get worse.
- Please do not drop sheet metal (Like clip and staple) in machine or gap.
- When the machine is working, please do not power off, pull out the plug and open its outer cover.
- Before pulling out the plug from the socket, please power off the machine first and then hold the plug and pull it out of the socket.
- Please do not pull out the plug and operate the machine by wet hand.
- When the machine has abnormal heat and abnormal noise, please immediately stop use, power off the machine, pull out the plug, and contact Agents or After-sales Department.
- Do not dismantle the fixed outer cover and components of the machine.
- Do not modify the machine and replace its components without permission.



- If there is lightening nearby, please immediately stop the machine, power off, pull out the plug, and use the machine after thunderstorm.
- Please refer the book on paper jam countermeasures and other problems.
- To guarantee the normal working of the machine and improve printing quality, please regularly maintain the machine.

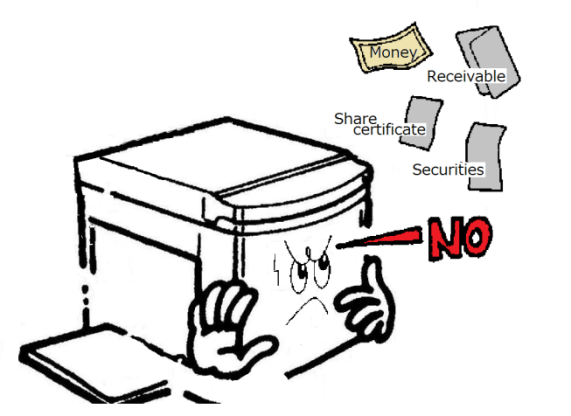
  When cleaning the machine, please turn off the machine, take out the plug, wipe the machine with a soft cloth dipped in a neutral washing solution and gently wipe the machine.

  If the machine is cleaned by volatile oil and diluent, the machine will have fault or color change.

- When the installation place of the machine is changed, please carry the machine straight (Please contact with Agents or After-sales Department)
- Please operate the machine according to the record of the book.

Prohibit copying / printing

When the machine is used for copying and printing, contents to be copied and printed are limited. Even if matters to be copied and printed are reserved by us, the illegal contents are prohibited to be copied and printed.



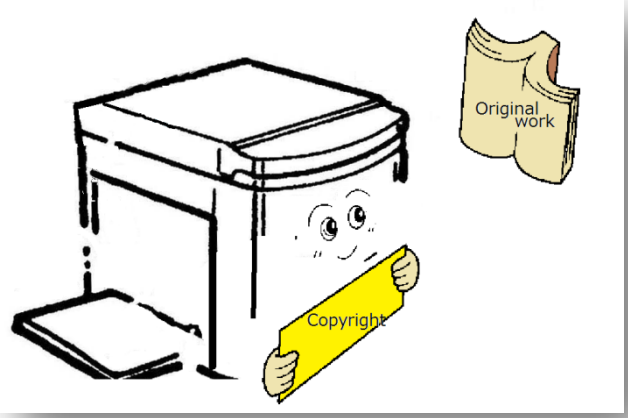
- Banknotes / Currency / Government-issued negotiable securities / Revenue stamp / Treasury securities/municipal bonds are forbidden to be copied.
  (The object stamped with“sample” is also forbidden to be copied)

- Unused stamps and postcards can not be printed without getting permit of the government.

- Effective banknotes/Currency/Security circulating abroad can not be printed.

- Folk negotiable securities (Stock/Bill/Check/Merchandise coupon) /Commutation ticket/Secondary tickets should be copied according to government requirements strictly except used in enterprise and public institution.

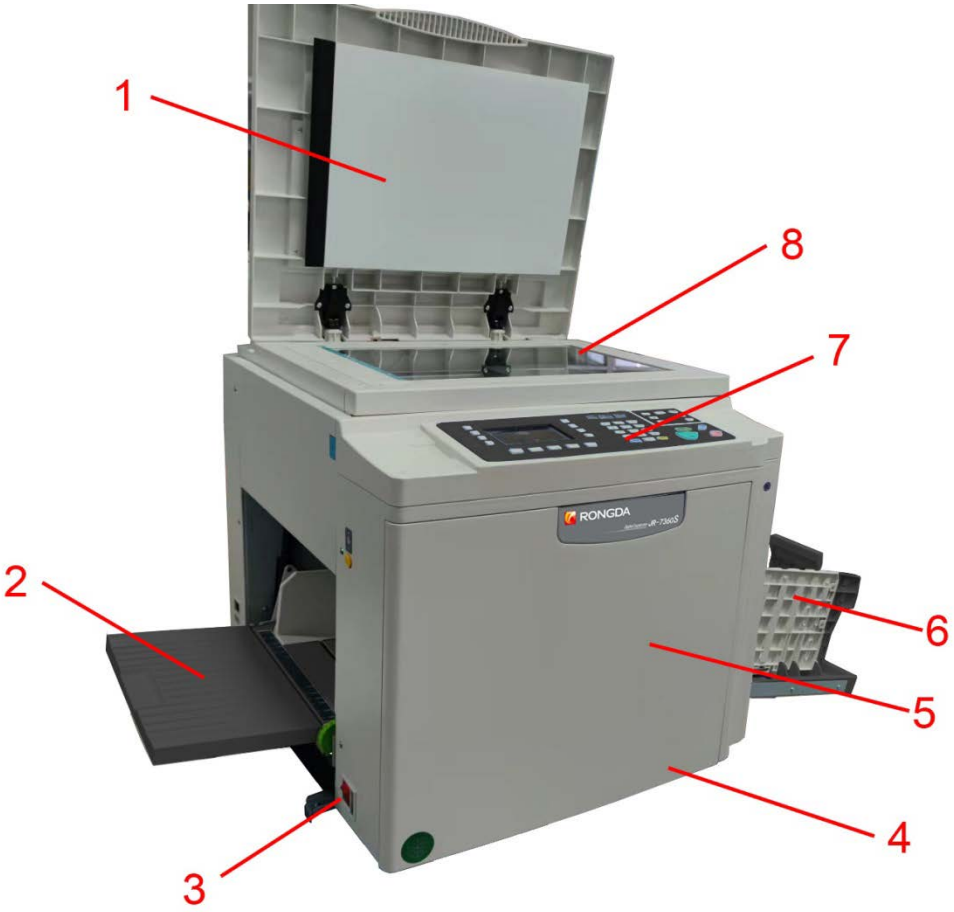
- Passport issued by government/License issued by public body/Permit/ID/Gate pass/Food coupon and other bills are forbidden to be copied privately.



- Collections in a private home and relevant“ not for sales” items like books, score, artwork, drawing, map, audio and video products and photos are forbidden to be printed.

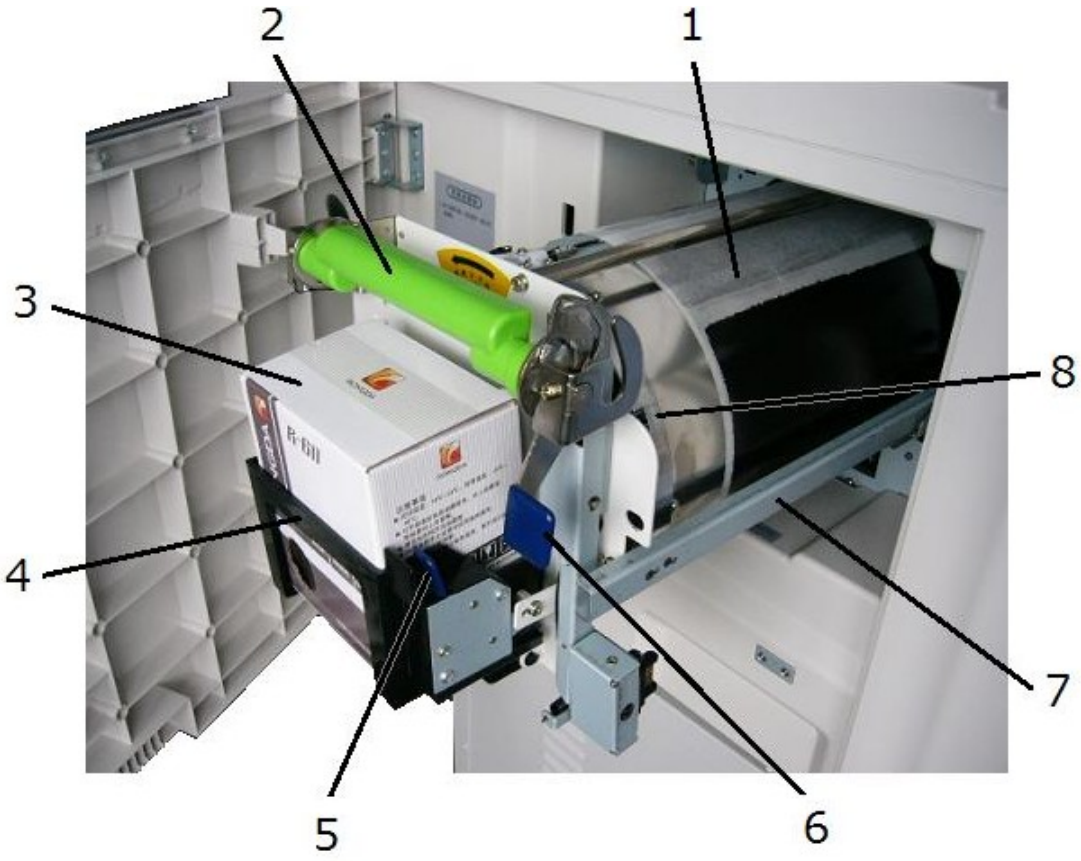
Name of each part and its functions

Machine appearance



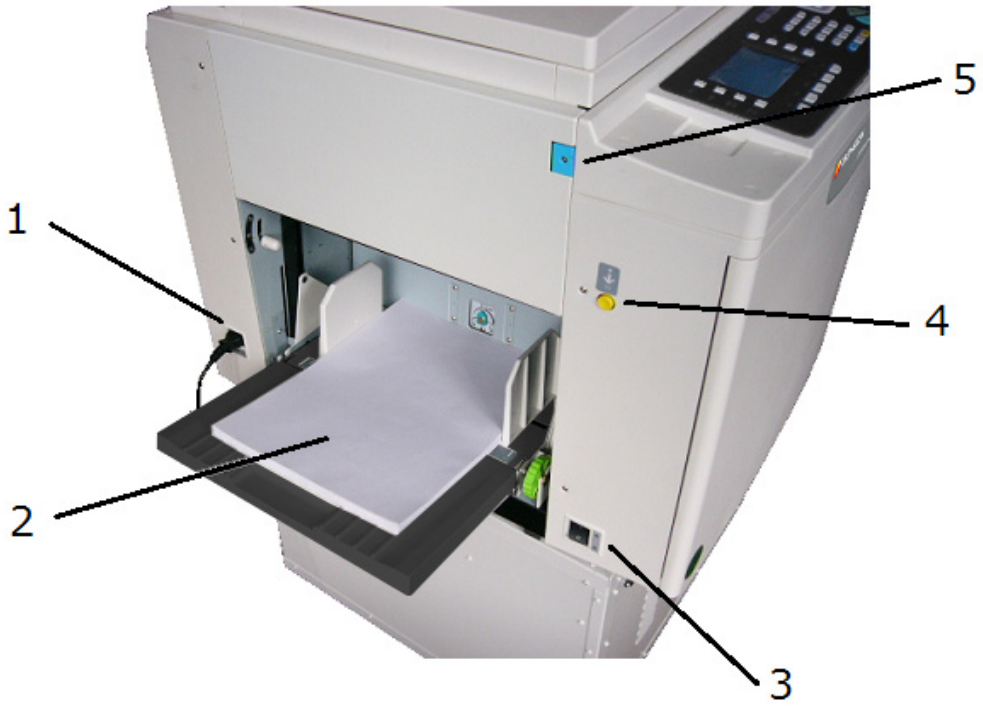
NO.	Name	Functions
1	Cover of scanning	Make the original and scan cover contact well.
2	Paper feeding table	Support the printing papers
3	Power switch	Press [I] side to make power on, press [○] side to make power off
4	Opener on the front panel	Pull the panel out at the depression with hand on the back of the panel.
5	Front panel	To open the panel for changing ink/installing drum/ clean the wasted waster
6	Paper receiving table	Support the finished prints.
7	Operation panel	Cheak Operation part name and function reference (Page 29 ~ 30)
8	Glass scan table	Put the original face down of the table.

Drum unit



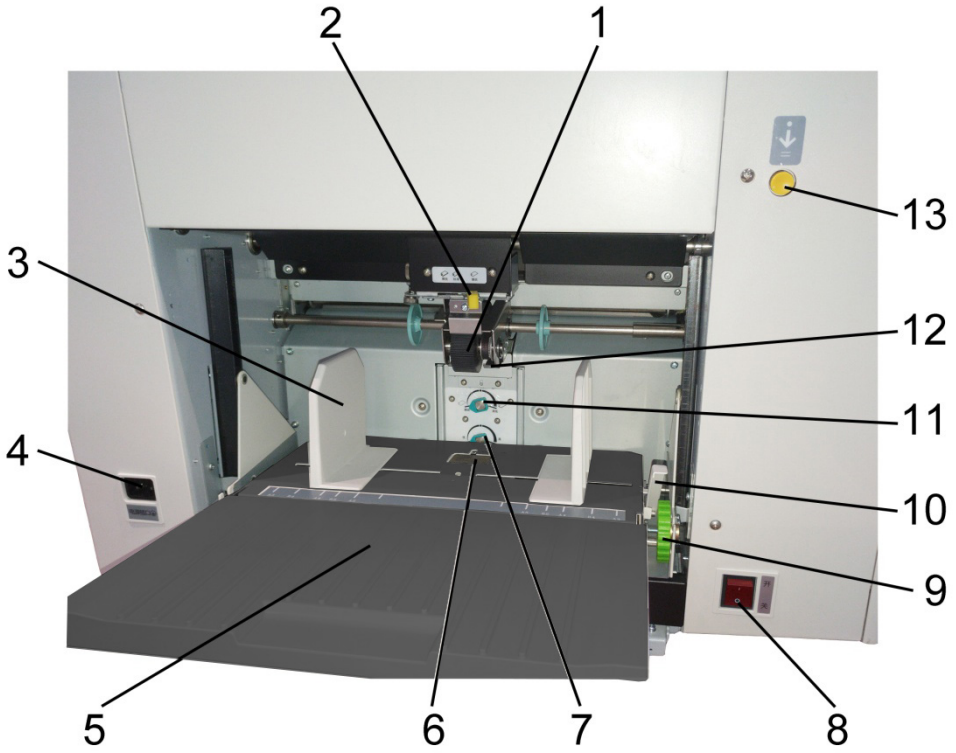
NO.	Name	Function
1	Drum	To press the ink to the paper
2	Drum handle	Take out the drum by this hand for safe operation
3	Ink	To use the specific ink
4	Ink bracket	Install the specific ink container
5	Ink installation handle	To change ink cartridge and lock the cartridge bracket.
6	Drum installation handle	Use it when taking out or installing drum and lock it
7	Drum rail	Install the drum on the right rails (left and right)
8	Drum lock switch	the handle to install the drum correctly to the machine body

Paper feeding part



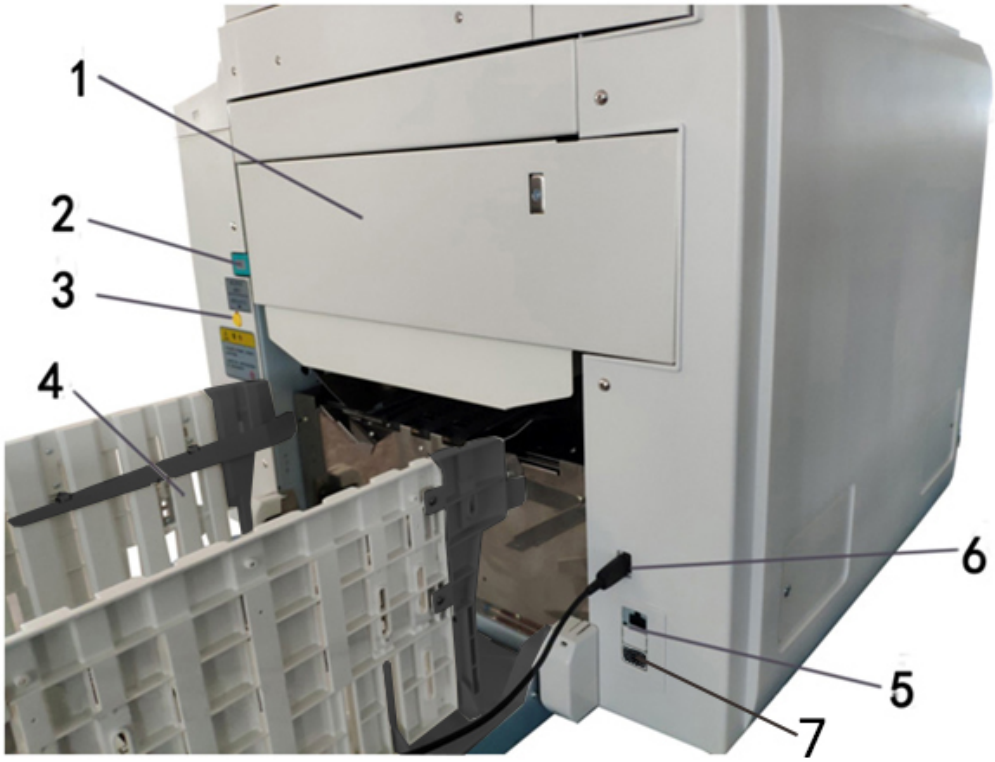
NO	Name	Function
1	Plug	To get power
2	Paper feed tray	To support the blank paper
3	Power switch	Press [I] side to turn on the power,press [○] side to turn off .
4	Paper tray lift	It can lift the tray during paper jam
5	Scanning table switch	Press this button to move the scanning table to the right side

Paper feeding part; details



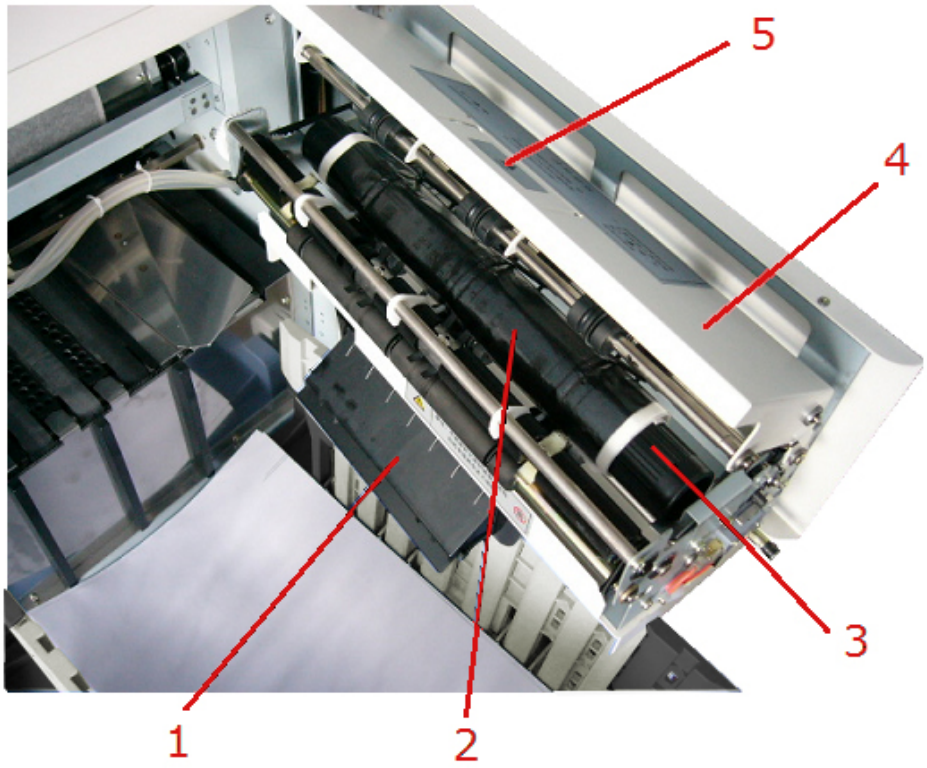
NO.	Name	Function
1	Paper roller	2 pieces. Assist to feed the paper into the machine
2	Pressure adjustment handle for paper feed	3 levels. To adjust the paper feed pressure.
3	Press blade	2 pieces on the left and right.,to decide the printing position.
4	Power plug	To get power
5	Paper feed tray	Prints position
6	No-paper switch	Check the papers on the paper feed tray
7	Auxiliary block height adjustment knob	Adjust the knob on the left and right of the assembly
8	Power switch	Press [I] to turn on the power,press [O] to turn off.
9	Paper feed tray position adjustment knob	To adjust the print left or right position by this knob
10	Press blade lock	To fix the press blade on the paper feed tray to avoid distance of blade bigger
11	Paper sorter pressure adjustment knob	To adjust the prints left or right position
12	Friction plate	The rubber block to separate the paper piece by piece
13	Paper feed tray lift button	To adjust the height of the paper feed tray when the paper jam occurred.

Paper-out part



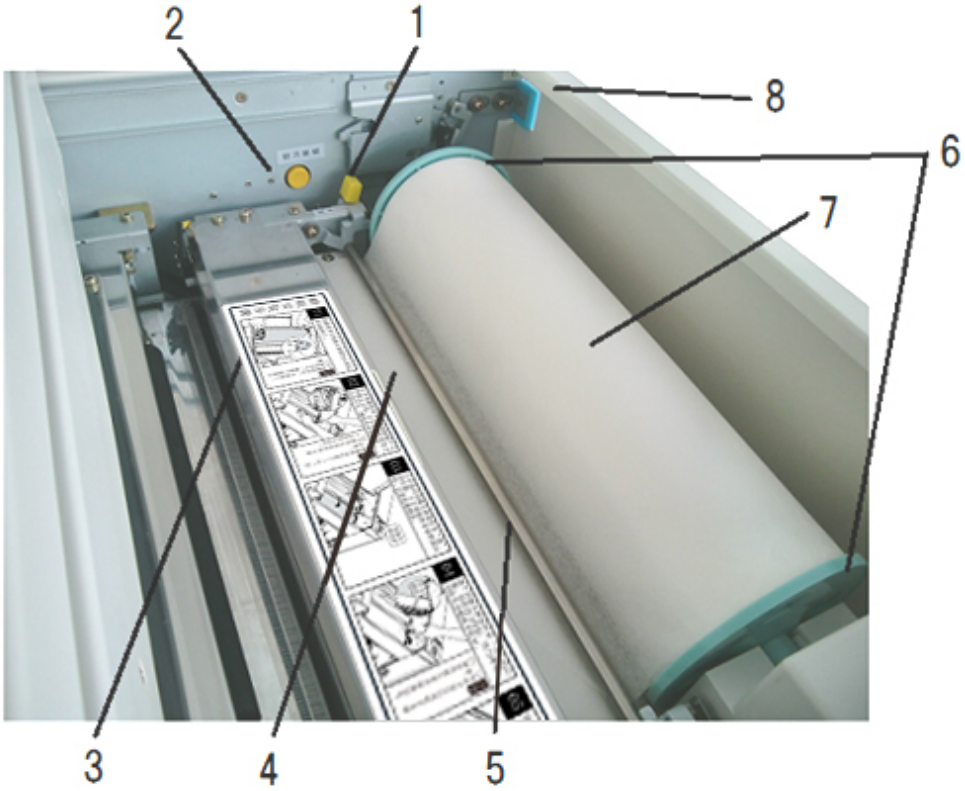
NO.	Name	Function
1	Disposal box	To save the wast master paper
2	Switch for disposal box	Press this button to open the disposal box
3	Drum rotating button	Press this button to rotate the drum during paper jam
4	Paper receiving tray	To load the finished prints.
5	Sub-assembler jack	To connect sub-assembler
6	USB port	Insert the USB disk for printing
7	Network connector	To connect the internet for printing(JR-7370S/6370S ）

Waste box



NO	Name	Function
1	Air outlet	Separate the printing paper from the drum.
2	Wasted master	Throw it to waste box
3	Wasted paper plastic core	To roll them up to the plastic core
4	Top cover of disposal box	Cover the disposal box
5	Handle switch	To open the top cover of disposal box

Master making part

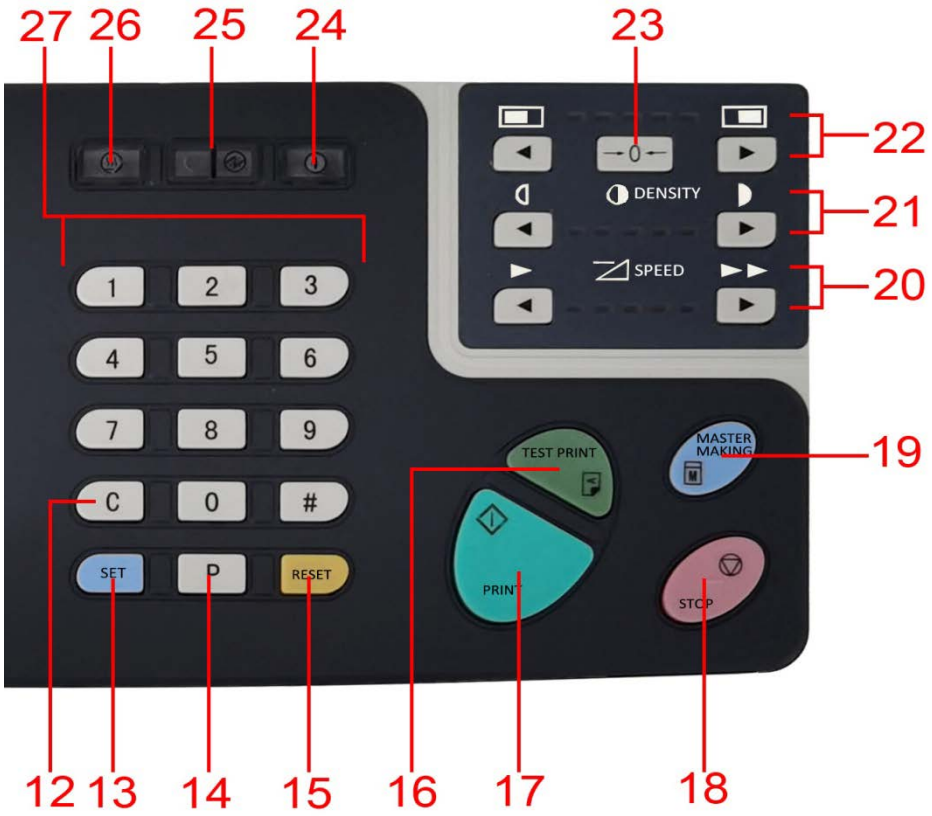


NO.	Name	Function
1	Master installation handle	Use it during installing the master
2	Cutter switch	Used in installation of master
3	Cutter cover	Protect the cutter
4	Cover of thermal head	To push forward the stencil with this cover
5	Tension shaft	To adjust the master tension
6	Master flange	To install the master to the machine
7	Master	To make the master for original
8	The original table switch handle	Used when open the original table

Name and function of the button on operation panel



NO	Name	Function
1	Plate-making zoom selection button	Displays a user-selectable screen of any plate size.
2	Original size selection button	Displays a user-selectable screen of any original size.
3	Display (black and white)	Displays the operation of the machine, the necessary information in printing.
4	Plate making mode selection button	A screen showing any of the user-selectable platemaking modes is displayed.
5	Image processing selection button	Use when selecting an image mode suitable for the original.
6	Plate thickness selection button	Displays a screen with any user-selectable plate-making consistency.
7	Scan concentration selection button	Displays a screen with any user-selectable scanning concentration.
8	OK button	Confirm the settings.
9	Directional buttons	Used when moving selected items or selecting set items.
10	Infinitely small button	Reduce the original draft in increments of 1%.
11	Infinitely expandable button	The original draft was expanded in increments of 1%.



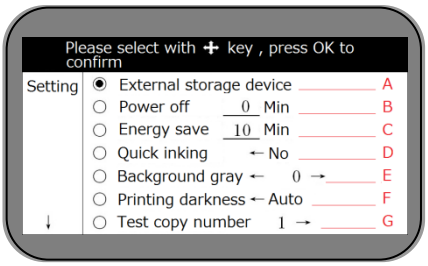
NO	Name	Function
12	C key	Cancel the settled number or account reset
13	Set key	Go to the operation screen. Press twice go back to basic interface.
14	P key	Go to the group function interface
15	Reset key	Reset the machine to be the original (except master making density,scan density and image mode)
16	Test key	Test printing as per the settled volume
17	Print key	Start printing
18	Stop key	Stop the operation right now. It is not workable during master-making.
19	Master key	Start master making
20	Printing speed key	Use to adjust the printing speed
21	Scan density adjustment key	Use to adjust the scan density
22	Space position adjustment key	Move the printing forward or backward position
23	Space centre reset key	Press it to make the space position to be the centre (standard position)
24	Auto shut-off set key	Machine will stop after some time. Press this key when the function is wanted. (The time should be set before use)
25	Mode LED	Sleep mode, the left lamp is on; auto shut-off, the right lamp is on
26	Sleep mode release key	Sleep mode lamp is on, and press it, the machine will restart.
27	Numeric key	Input the prints number.

Operation setting screen

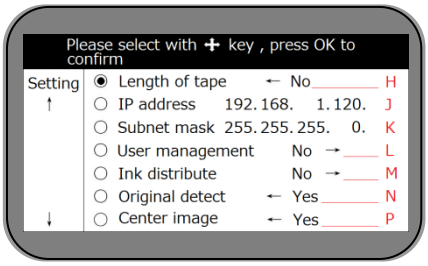


Press the [Setting] button in the operation panel, the display will change to the operation setting screen

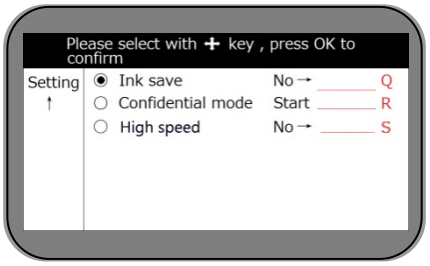
Page 1



Page 2



page 3



※ The symbols (A ~ S) in the table are entered for illustrative purposes and are not present in the actual screen.

Sign	Name	Function	Page on
A	External storage devices	Use when displaying data on a USB stick	Page 124
B	Time for auto shut-off	After working some time, machine will power off automatically.	Page 9
C	Time for energy saving	After working some time, machine will turnoff the screen light	Page 8
D	Ink fast out	Paper feeding is at the same time of master making to guarantee the good quality	Page 73
E	Bottom ash concentration	Adjust or eliminate bottom ash concentration	Page 57
F	Printing density	Automatically adjust the pressure of the roller as per the printing speed	Page 54
G	Test printing volume	Test printing after mastering	Page 64
H	Length setting of grouped paper tape	To set the printing method during group printing	Page 44
J	I.P adress	Enter the necessary information when connecting to online printing.	Page 105
K	Subnet Mask	Enter the necessary information when connecting to online printing.	
L	User Management	Enter the password setting when operating the machine.	Page 12
M	Supply ink	Ink is supplied all the time from starting master making to master rolled to the drum	Page 73
N	The original self-centred	Automatically recognize the original size	
P	Image center-settled	Master making set in centre	
Q	Ink saving settings	Reduced ink usage.	Page 72
R	Confidential protection	After printing, master roll is forced to be discharged into the disposal box.	Page 66
S	High speed printing	Increase the printing speed to 150 sheets per minute	Page 50

Basic printing operation

It mainly describes the pre-print preparation, the basic operating methods and operating sequence.

Pre-print preparation 33

- Installation method of power cord 33
- Placement method of printing paper 34
- Installation method of paper receiving tray 37
- Installation method of originals 38

Basic printing method 39

Printing preparation

Installation way of power line

1. Keep the switch power off



- Power switch is on the left of the machine.

Cheak Parts and functions of each part of the machine (Page 22 / 24)

2. Insert specific power cord of the machine



- Jack is on the left of the machine.

Cheak Parts and functions of each part of the machine (Page 22 / 24)

3. Insert the power plug into the socket



- Please insert the power plug into the socket firmly, or it will be disconnected during printing.

If the plug is disconnected during printing process, please install the power supply as steps 1 ~ 3.

Cheak On notices of power supply (Page 1)

When pulling out the plug from the socket, please first switch off the power supply, then pull out the plug after the display screen is black.

Placement method of printing paper

1. Open the paper feeding table gently



Cheak Parts and functions of each part of the machine (Page22 / 24)

On paper printing (Page 20)

2. Installation of printing paper



- Put paper on paper feeding table, align the front end of paper with the front end of paper feeding bracket, adjust brisket finger according to paper size, and fix clipboard plate.

Hints If the paper plate is too tight , it will affect the aper feeding.

Cheak Parts and functions of each part of the machine (Page 24 ~ 25)

Hints If it is necessary to add paper, lower printing table and take down paper during printing, please use [Up / Down button of paper feeding table].

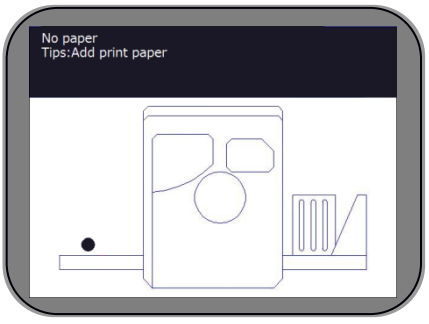
3. Installation of lock switch of the paper



- Push up the lock switch

Hints Even if placed less paper also need to be placed neatly. Please put the paper neatly. Before placing the paper on thepaper feed table when the end is bent and tilted, the prompts for installing the printed paper will not disappear.

If this is the case, gently press the front of the paper or tilt it side down.



4. Setting on pressure of the paper supply

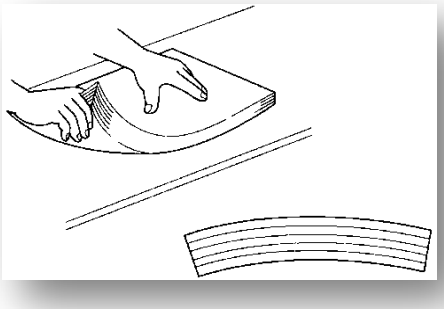


・ Set the paper feed strength adjustment, adjust the paper feed force by the pressure adjustment handle.

The feed pressure is not adjusted according to the paper, but is adjusted according to the paper feed condition.

The paper feed pressure adjustment handle is divided into three levels:

[Thin] Thin paper ~ Standard paper
[Standard] Standard paper ~ Thick paper
[Thick] Thick paper



Poor paper or cut the surface is caused by poor paper is an important reason for the poor, so before the installation of the first finishing, scattered sticky paper together.

If the paper is tilted, manually correct the paper, or place the tilt direction down. In particular, there is a lot of paper misfeeds due to the tilt of the paper.

5. The setting of the separation pressure



・ In order to prevent the paper from being overlapped together, the adjustment is realized by the knob.

The adjustment of [paper pressure] is not determined according to the condition of the paper used but according to the actual feeding situation.



・ pressure get weaker when the knob turns left.

・ pressure get weaker when the knob turns right.

The cases to weaken the paper pressure as follows:

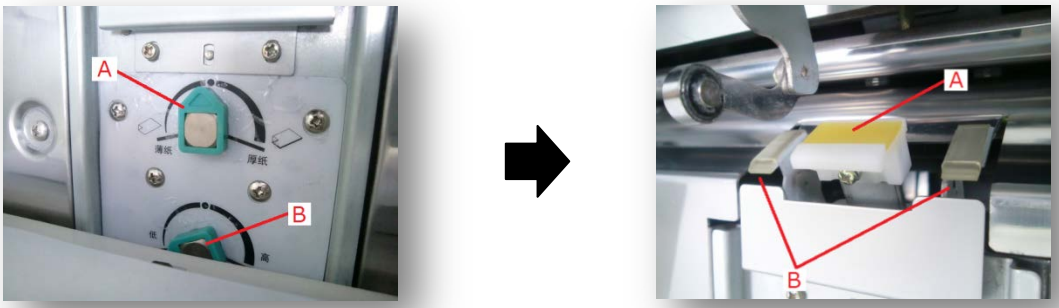
- Paper is wrinkled when the paper is fed, and the front of the paper is scratched
- Paper feed is not smooth and is jammed

The cases to strengthen the paper pressure as follows:

- There are white paper in the printed paper
- 2～3 sheets of printing paper are fed together, and the printing position is deviated

Tips:

Separating pressures, is mainly by（A）knob adjustment, also by auxiliary（B）knob for paper feed baffle



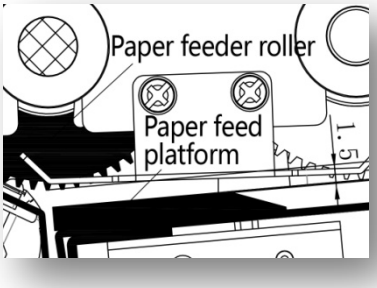
（A）knob adjust the paper separator strength while（B）knob is for the height of paper feeding auxiliary board. Normally, when（A）is adjusting the paper separating pressure, and（B）should be on the far left side.

（A）knob is turning to left, the pressure is getting less, turning to right getting stronger.（B）knob is turning to the left, the height of board is down; and turning to the right, the height is up.

6. Setting the working height of the paper feeder

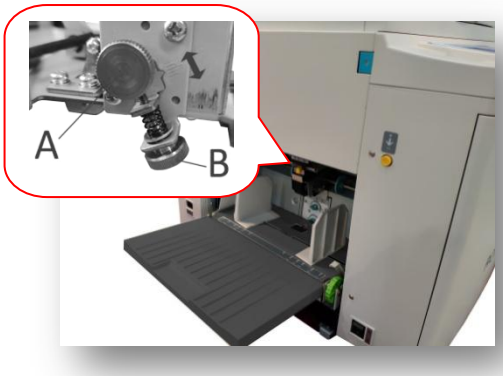
- Setting the working height of paper feeder, get though trimming screws by paper detection.

The working height of the paper feeder is factory-set: 1.5mm clearance from the paper rollers.



Tips:

The detection adjusting screw (A) mainly opens the adjustment action of the paper detection fine-tuning screw (B); using the The paper detection trimming screw (B) mainly adjusts the gap between the feed table and the paper rollers.



Installation method of paper receiving tray

1. Open the paper receiving table gently

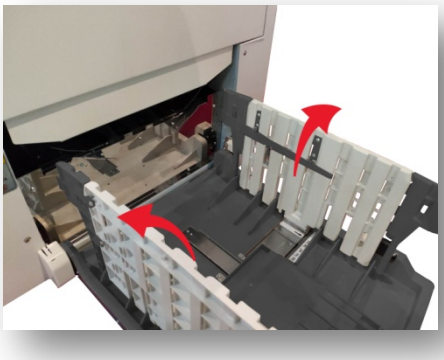


Cheak All the parts name and functions (Page 26)

Do not release the table to avoid machine damage when opening.

When the paper tray is fully open, it is slightly lower than the machine.Do not place items under the paper tray and open the paper tray completely.

2. Open the paper-out guide plate





· Adjust the position of the paper-out guide paper according to scales on the paper receiving table.

According to actual paper-out conditions, slightly adjust paper to guarantee it can be placed orderly.

3. Setting the left and right paper guides



Adjusting the stops according to the paper weight.

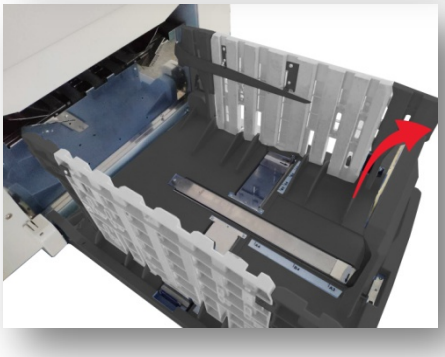
There are 4 gears: First gear: G (paper weight) <50g

Second gear: 50g≤G< 85g

Third gear: 50G≤G

Forth gear: machines unused

4. Open the front baffle plate of the paper receiving tray



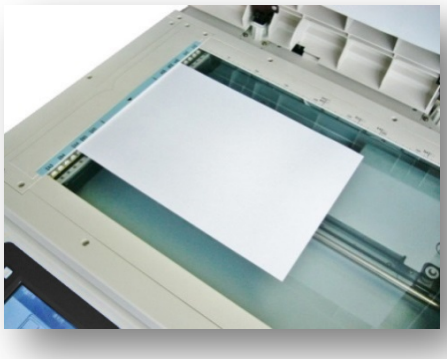
Slightly adjust according to the papers out and make sure the papers are assigned.

Installation method of originals

1. Open the cover of the scanning table



2. Put the printing sides of originals to be printed on the scanning table face-down





- Align the original with the left end of the scanner on the glass. There is a sign 【▲】 in the middle of the left side of the glass plate to align the center of the front end of the document with this symbol. (Marked with reference mark)

Make sure that the paper on the paper table is the same face-down as the original on the glass.

When the font on the front of the original is too large while the front edge margin is small and the back margin is large, place the original in reverse order. (The thick side of the font placed on the back side) .

Cheak On the original (Page 17)

3. Slightly close the scanning cover

When the original is a magazine or book, the setting method is the same as the single page, and the original is centered on the left side of the scanner.



It is not correct to intentionally place the original for tilting the original in order to correct the tilted originals, which may cause poor read or malfunction. Please correct the original and then print it.

Cheak On the original (Page 17)

Basic printing method

※ Use new originals in master making ~ printing process

1. Power on



- Power switch is on the left of the machine.
  When the button is pressed to [I], the power is on;
  when the button is pressed to [O], the power is off.

Cheak Notices of power supply (Page 1/4)
Name and functions of each part of the machine (Page22/24)
Installation method of power plug (Page 33)



Hints The display shows the right screen during machine startup. Please be patient.

Hints After turning on the power, some part of the machine turning, is a normal phenomenon, not a fault.

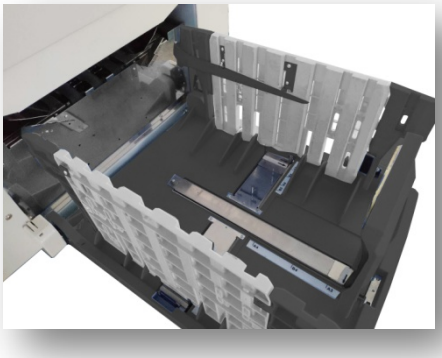
2. Place printing paper on paper feeding tray





Cheak On printing paper (Page 18～19)
Installation method of printing paper (Page 34～36)

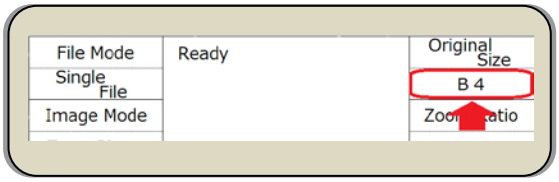
3. Set paper-receiving tray



Cheak Installation method of paper-receiving tray (Page37)

4. Place originals

・ The machine can automatically recognize and display sizes of originals.





Cheak On the original (Page 17～18)
Setting method for the original (Page 38)

Hints On various settings of master making

Cheak Change printing concentration
Change scanning concentration (Page 53)
Change master-making concentration (Page 52)
Print color originals of pictures (Page 59)
Background treatment of originals (Page 57)
Change scales of originals (Page 61)
Merge originals (Page 67)

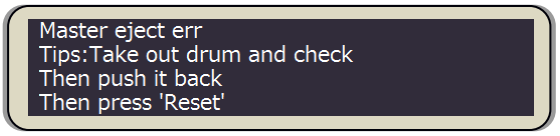


5. Press master making button

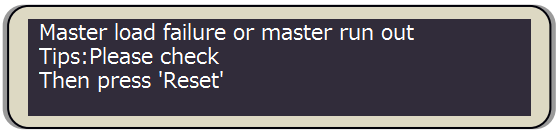


・ A serious of continuous operations of waste master out,→reading of originals, →
master making, →master loading and proof printing

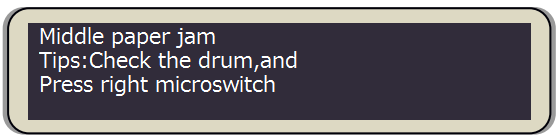
Hints Fault hints in work



Cheak (Page 134 / 139)



Cheak (Page 80 / 135)



Cheak (Page 133 / 137)

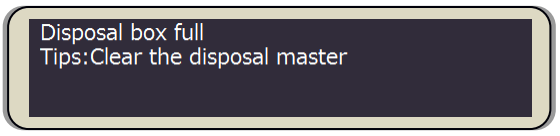
・ After one trial…

Cheak Increase proof printing (Page 64)
Adjust printing position (Page 47)
Change printing speed (Page 50)

Hints If problem happened during trial printing…

Cheak Overall light / dark → Change master making concentration (Page 52)
→ Change scanning concentration (Page 53)
Remove background color → Use background color removal function (Page 57)
Uneven concentration → Increase proof printing (Page 64)
No (almost no) printing words → Proof printing for many times (Page 64)
→Confirm the surface condition of the drum (Page 88)

Hints Fault information display in work



Cheak (Page 85)

6. Input printing number





Cheak Printing number input method (Page 44)

7. Press [Print] button





・ When printing starts, the input print number starts less.

Hints display in printing

No paper Tips:Add print paper	Cheak (Page 34)
Left paper jam Tips:Please check Then press 'Reset' Or press left microswitch	Cheak (Page 132 / 136)
Middle paper jam Tips:Check the drum,and Press right microswitch	Cheak (Page 133 / 137)
Right paper jam Tips:Open master disposal box Press right microswich Take out waste paper	Cheak (Page 132 / 138)
Ink over Tips:Check ink Replce new ink when the ink is run out Then press 'Print'	Cheak (Page77)
Ink Replensish	Cheak (Page 79)

8. Press [Stop] button to terminate printing



- When the machine stops, remain number of paper will be displayed

Please press [Print] button to continue printing

Generally speaking, when input number of paper has been printed, number input place will tentatively display [0], and then the initial input number will be recovered. In case of directly pressing master making button in this case, the machine will be directly used for printing without proof printing link, and therefore, please pay attention to number display on the number input place.

Notices when one original is printed largely.

Master used in printing is much thinner. When one original is largely printed, master paper will be damaged to influence printing quality. Therefore, in consideration of this factor, during printing, please make master again when one original is copied to about 2,000 pages.

Various use functions

Mainly record the application method of functions of input of printing number, printing speed,printing concentration and zooming.

Input of printing number 44

Printing position adjustment 47

- Adjustment space of up/down direction 47
- Left and right direction adjustment 48

Printing speed adjustment 50

Printing concentration adjustment 52

Master making concentration adjustment 52

- Scanning concentration adjustment 53
- Printing pressure adjustment 54

Original background color removal function 57

Original mode selection 59

Zooming of originals 61

Proof printing number setting 64

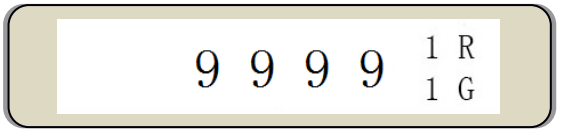
On confidential protect 66

Special printing function 67

- Two-in-one master making function 67
- Master making of books and magazines 69
- Ink saving mode 72
- Quick ink outlet function 73
- Air run function 74

Input of printing numbers

Input printing number by numeric key on operation panel.
The maximum number which can be input once is [9999] pieces (4 digits) . If grouping times blend, a greater quantity of printing can be achieved.



Input number will be displayed on display screen. Remaining number is displayed in printing (Subtraction) .

Two examples will be given for explanation.

1. General printing

After inputting number of sheets, continue printing. When printing paper is used up, the machine will display remaining number of sheets and the machine stops. After adding printing paper on the paper feeding table, press printing button for printing again.

- When input number of sheets is 3000

  (Continuously print 3,000 sheets)

  Input by numeric key = [3] - [0] - [0] - [0]

2. Group printing

The function is used when distinguishing the same printing paper delivered. After once group printing is completed, grouping times will be reduced. At this time, the machine is still working, but printing will be tentatively stopped, and therefore, marking objects are put on delivered printing paper for distinguishing or delivered printing paper should be taken away.
According to setting, the machine starts reprint after manually pressing [Printing] button. After the input number of sheets is totally printed, the machine will stop.
Group printing is divided into [Pure group printing] and [Complex group printing].

- Please use [Special group input button] for input.





On group printing

Manually start printing functions…

After the input number of sheets is totally printed, the machine will continue to run, but stop feeding paper. In this period, printing paper on the paper-out table should be taken out or distinguishing objects should be placed, and then, when the machine needs to continue printing according to practical situation, printing button should be pressed to start next printing.

Automatic printing functions

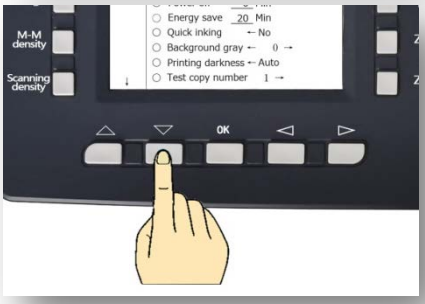
After the input number of sheets is totally printed, the machine will continue to run, but stop feeding paper after a time. The stop time can be divided into 3 levels. During the period of stopping feeding paper, the delivered paper should be taken away or separation objects should be placed. After paper feeding is stopped for a certain time, the machine will start next printing. When [paper sorter] is applied,the signed tape will be put and cut off automatically when the machine stop printing.

Motion setting method (Basic picture)

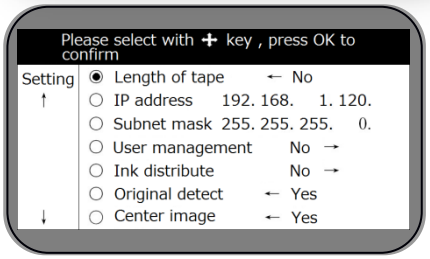
i) Press [Set] key to enter setting picture.



ii)Press [Cursor moving key【 ▽】] to move to [Groupmotion] option.



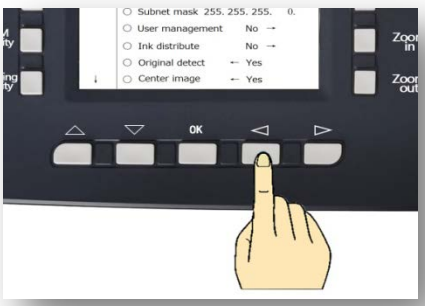
Setting picture has three pages, and [Group setting picture] is in the second page.



iii) Use [Cursor moving key【 ◁】 and【 ▷ 】] for selection

・Group printing intervals:【 Short】 = 5s
【 Middle】 = 6s
【 Long】 = 7s
【 No 】 = Manual

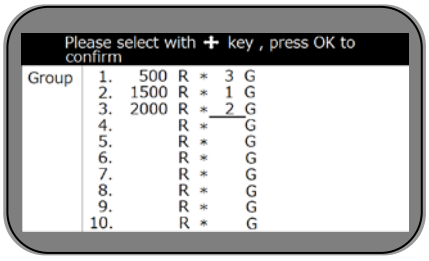
When selecting【 No】and drum of each group runs without load, it is necessary to press [Print].



iv) Press [【 OK】 button] to complete setting.

E.g.) <u>500 pcs in 3 groups / 1500 pcs in 1 group / 2000 pcs in 2 groups / complex grouping</u>

(7000pcs in total)



[P]

[5] - [0] - [▷] - [ ] - [3]

[▽]

[1] - [5] - [0] - [▷] - [ ] - [1]

[▽]

[2] - [0] - [0] - [▷] - [ ] - [2]

[OK]

Hints When group printing is set, input in sequence withoutinterval.

i) Press【 P】 Key



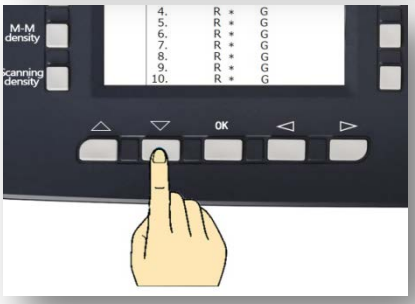
ii) Use numeric button to input【 5】【 0】【 0】.

iii) Press【 ▷】



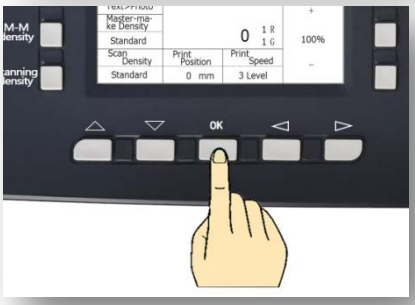
iv) Input number【 3 】

v) Press【 ▽】



vi) Then repeat the operation from ii) ～) .

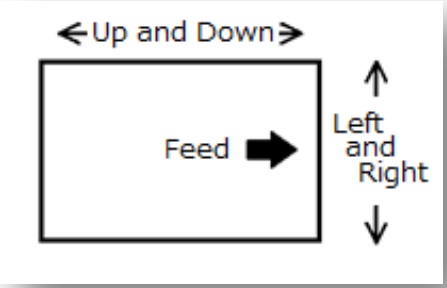
vii) After all information, then press 【OK】 key.



Hints Regarding duplicate printing, you can use the grouper to operate, please contact the agent for details.

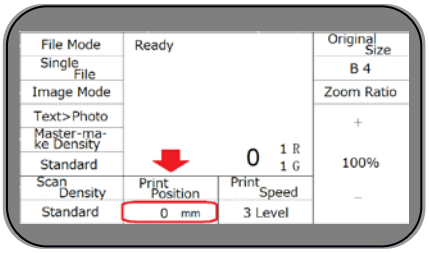
Printing position adjustment

Printing positions of printing paper can be up and down/ left and right. Up and down/left and right control buttons are different.



1. Adjustment of up / down direction (Adjusting in printing)





Adjust through [Print position] button of operation part. No matter the machine is stopped or working, adjustment is based on center. Moving scale displaced on the left lower portion of the display.

- **Rearwards adjust printing position**

Use printing position button / Left-for adjustment.



If the printing position is adjusted down excessively, the lower contents of the paper will run over and can not be printed. During adjustment, please confirm printing state first, and then make adjustment. When the lower sides run over and should be printed, run-over contents will be printed to the back.

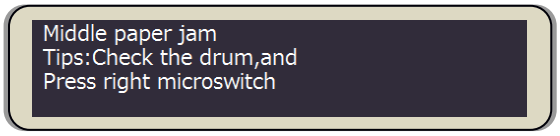
- **Printing position is forwards adjusted**

Use printing position button / Right for adjustment.



If the printing position is excessively adjusted up, page margin will be reduced, printing paper will be winded on the drum. During adjustment, pay attention to confirm printing state .

Cheak (Page 133/137)



・**Adjust printing position to the center**

Press【 Center reset】key.



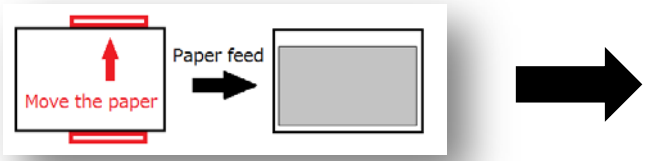
2. Left and right direction adjustment(Forbidden in printing process)

Adjust the paper placement of the paper feeding table



・When printing position is adjusted to left (Operation side)

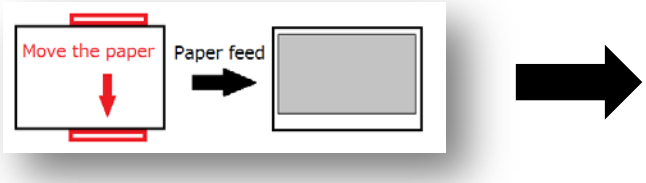
Rotate the knob to left, and move printing paper against operation side.





・When printing position is adjusted to right (Against operation side)

Rotate the knob to right, and move printing paper to the operation side.





The operation is forbidden in printing process. Be sure to adjust after terminating printing and lowering the paper feeding table.



Cheak Lower printing table (Page 34 ~ 35)

Excessive adjustment will lead to incomplete printing. After adjustment, please use proof printing function, and print after confirming printing state.
When contents run over and need to be printed, edges or integrity of printing paper will be adhered back to back or during master making and printing, run-over contents are printed in new masters.

Cheak Proof printing (Page 64)

Printing speed adjustment



Adjust through [Printing speed] button on operation part.There are 5 classes in total. After setting, the selected level will be on the screen.

[Speed 1] = 55pcs/minute
[Speed 2] = 70pcs/minute
※ [Speed 3] = 85pcs/minute
[Speed 4] = 105pcs/minute
[Speed 5] = 130pcs/minute

Note: The machine can be set to a maximum of 150 sheets per minute, which can be invoked by the following operation.

When printing speed is faster, printing is lighter, and verse vice.

Air temperature in summer is higher, ink will get softer, and printing is allover thicker. In this case, if printing speed is increased, printing will get thinner.

Air temperature in winter is lower, ink will get harder, and printing is allover lighter. In this case, if printing speed is lowered, printing will get darker.

JR-7370S / 6370S Special functions Cheak (Page 55)

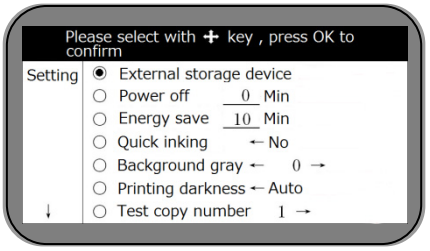
The above contents mentioned that printing speed will have a certain impact on printing concentration. To lower this impact, the machine has printing-pressure automatic control function, namely the function of automatically adjusting printing pressure according to printing speed.
When the function can be stopped at any time, printing pressure is regulated to level 5.

(The JR-7360S and 6360S are optional features that can be installed)

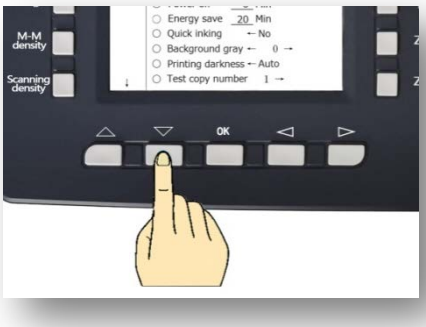
How to set the print speed of 150 sheets per minute

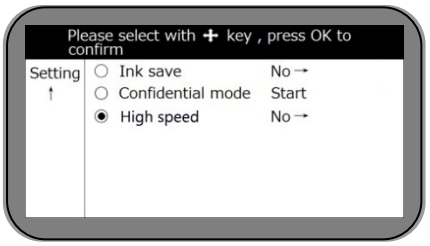
ⅰ) Press the [Setting] key and enter the operation setting screen.





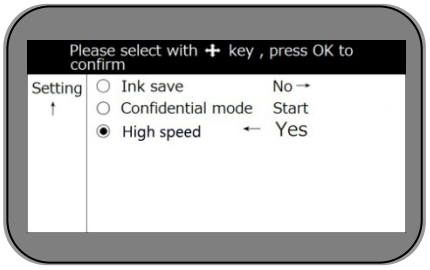
ii) Press 【▽】, chose [High Speed Printing] items.





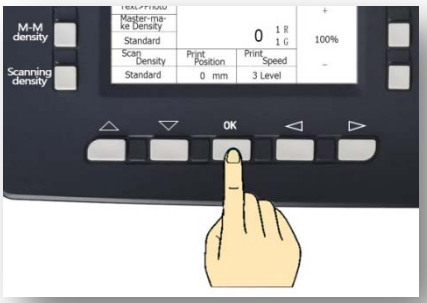
iii) Press 【▷ 】, chose high speed pringting.





iv) Press [OK]

※ Return to the basic display screen



v) Press and hold down [Print speed key 【 ▷】] until the two red indicators light up.

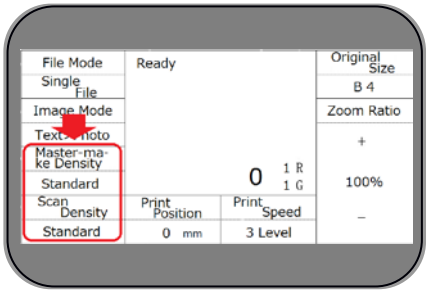


If you use [150 sheets/minute] for a long time, it will increase the wear and tear of the machine, so please select the printing speed according to the actual printing needs.

After each high-speed printing is completed, the machine automatically turns off the high-speed printing function. If you need to use this function again, please reset the high-speed printing.

Printing concentration adjustment

General printing concentration adjustment method:
[1. Adjust master making concentration];
[2. Adjust scanning concentration];
[3. Adjust printing pressure].
Adjustment of [Master making concentration] or [Printing pressure] will change overall printing concentration, and adjustment of [Scanning concentration] will change color of originals. Printing products will also change. Printing products will have a certain difference with originals.



Generally, master making concentration and scanning concentration are set on [Standard] position, and will be also displayed in display screen. Different machine models will lead to different settings of printing pressure.

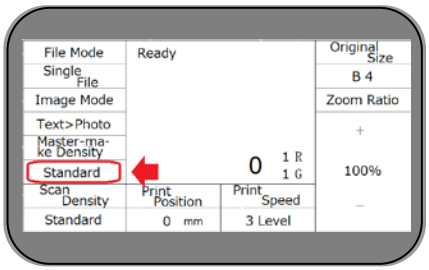
When printing concentration is adjusted, in case of using the method of [1. Adjust master making concentration] and [2. Adjust scanning concentration], the setting is valid since scanning of originals, so it can not be changed after master making and proof printing. Confirm shades of printing paper, and then adjust shades or switch adjusting method. After adjustment, please start operation from [Master making] again.

To save ink, please use [Ink saving mode] when printing is lighter. Cheak (Page 72)

During [Online printing] or [USB printing], there will be no impact on printing even if [2. Scanning concentration] is adjusted.

1．Master making concentration adjustment

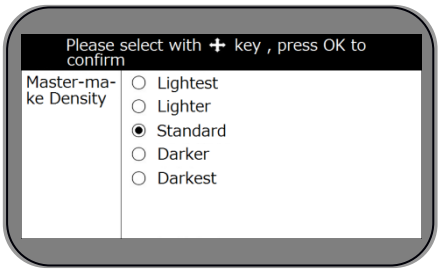
Adjustment of master making concentration starts from original scanning. Please be sure to set before master making.



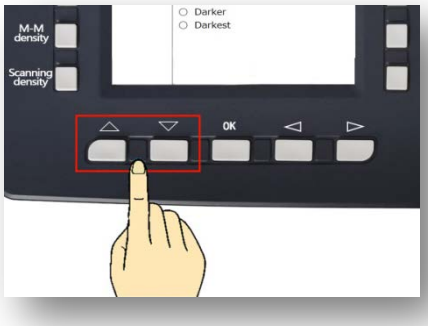
Setting method

ⅰ) Press concentration setting key to the screen.



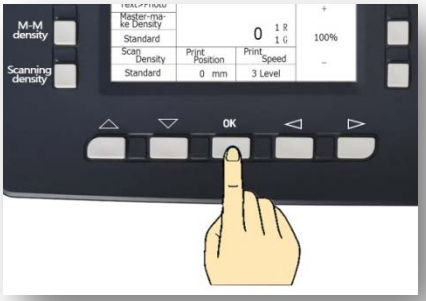


ⅱ) Use [▽] [△] to select.



・ Concentration is selected in 5 classes.
[Lightest]
[Lighter]
[Standard]
[Darker]
[Darkest]

ⅲ) Press [OK]



Hints Applicable to the following conditions:

- When temperature is low and printing is light → Adjust dark concentration for master making
- When temperature is high and printing is dark → Adjust light concentration for master making
- When printing is dark and it is easy to jam paper → Adjust light concentration for master making
- When printing on double sides, prevent ink leaking → Adjust light concentration for master making
- When printing paper is adhered back to back → Adjust light concentration for master making
- When saving ink → Adjust light concentration for master making

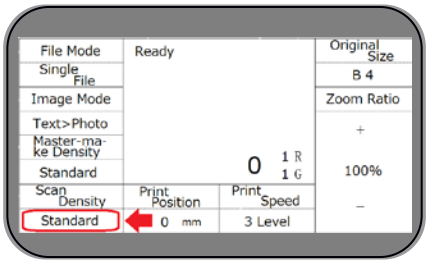
Attention When master making concentration is darker, the volume of ink printed on paper is more, and paper is easy to get soft, it is an important reason on why paper arrangement is failed and paper is winded on drum.

Hints When fonts of originals are totally thicker or are photoed, if master making concentration is lighter, the quality of printing product will be better.

2. Scanning concentration adjustment

Please be sure to set before master making.

Scanning concentration adjustment starts from original scanning.
Please be sure to set before master making.



Setting method

ⅰ) Press concentration setting key to the screen.



ii) Use [◄] to lighten the scanning intensity.

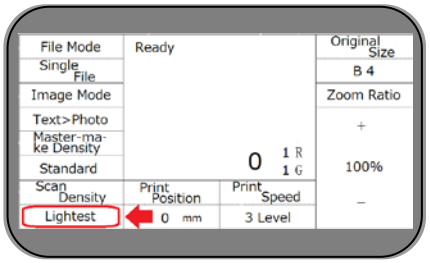


iii) Use [►] to adjust the scanning concentration.



iv) Concentration selection is divided into 5 levels, and the setting selection is located at the bottom left of the display.

[Lightest]
[Lighter]
[Standard]
[Darker]
[Darkest]



Applicable to the following conditions:

- Original gets lighter integrally → Scanning concentration gets darker
- Part of contents get lighter → Scanning concentration gets darker
- Photos are darker integrally → Scanning concentration gets lighter
- Background colors of originals get darker → Scanning concentration gets lighter

When originals with darker fonts or correction is light, please use [Master making concentration lightening] function. Cheak (Page 52)

3. Printing pressure adjustment

The effect of adjusting printing pressure is the same with that of adjusting master making concentration, which will influence overall printing concentration. Master making concentration adjustment is to determine printing concentration by discharged ink. Printing pressure adjustment is to determine printing concentration according to pressure strength when ink is printed on printing paper.
After adjusting overall printing concentration, when there is dirt on printing paper or ink is discharged less, printing pressure adjustment function is used.

Each machine type has its own adjustment method.

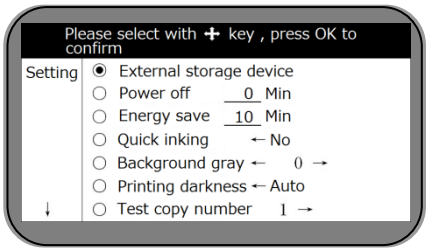
JR-7370S / 6370S

If the printing speed is adjusted in the factory settings, other settings related to printing consistency are automatically changed.

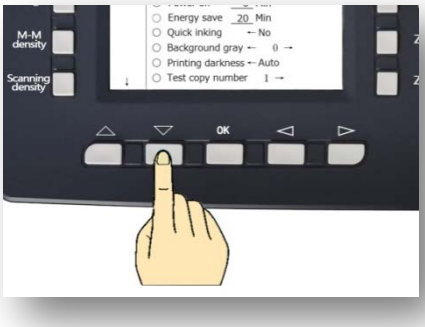
Any setting method

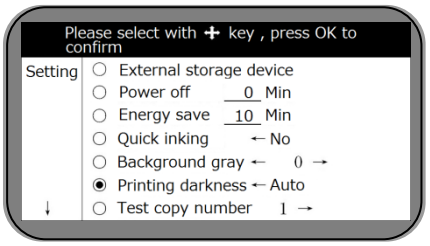
ⅰ) By pressing【SET】key, operation setting picture will be displayed.



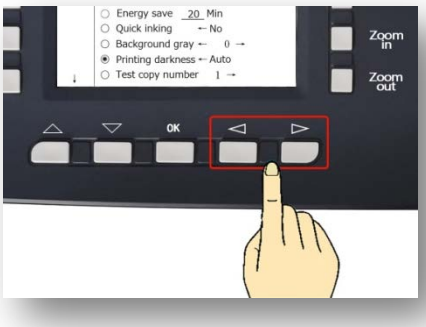


ii) Use [▽] to set the printing density.





iii) Use the [◁] [▷] to select the appropriate concentration.

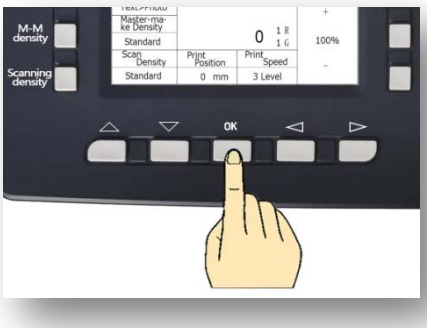


Except automatic setting, any setting is divided into 5 classes.

[1] = Weakest; the same with speed 1
[2] = Weak; the same with speed 2
[3] = Medium; the same with speed 3 (Standard)
[4] = Strong; the same with speed 4
[5] = Strongest; the same with speed 5
[Auto] = Printing speed linkage (Slow speed = Weak ~ Fast speed = strong)

ⅳ) Press [【OK】 button] to complete setting.

※ Display menu returns to basic picture.

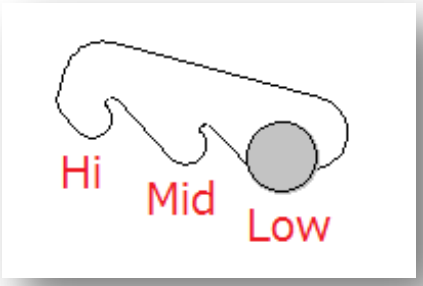


JR-7360S / 6360S

When you open the disposal box, you can see the operation department.



Paper pressure adjustment is divided into 3 levels with corresponding adjustment handles for each level.

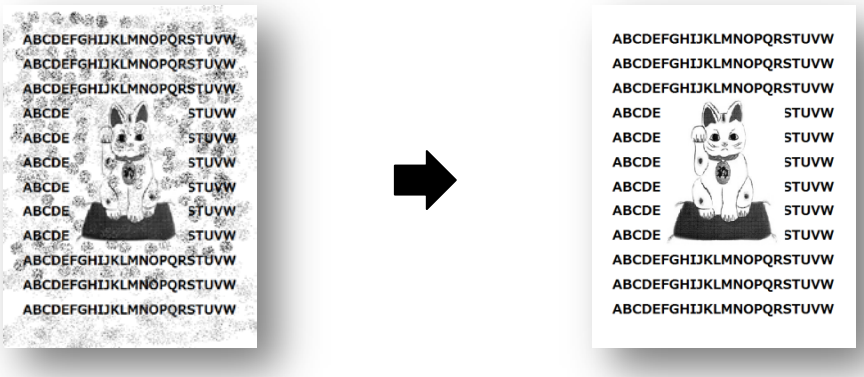


There are rollers and discharge belts near the operator section, and these parts rotate during the printing process. It is therefore important to operate the handle when the machine is stationary.

No matter whichever machine is adjusted by printing pressure, please be sure to adjust the original pressure. If you continue to use in case of forgetting to return, it may have unexpected.

Original background color removal function

In case of directly making master when originals are older, have dirt and ground color, background color of original will be scanned to cause unclear printing paper. Under this condition, if [Original background color removal function] is used, the influence on original background color will be minimized.



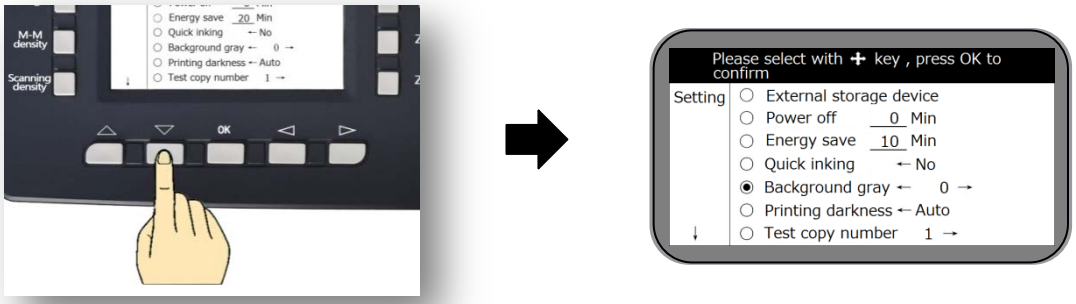
The function may be invalid for special original background color.

Any setting method ※ Set before master making.

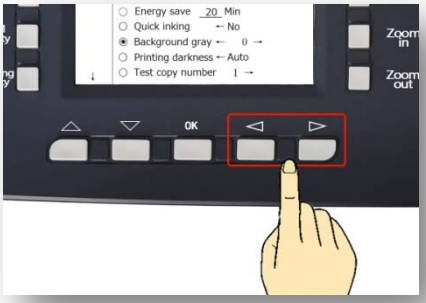
ⅰ) Press [SET] key in numeric key zone to enter operation setting picture.



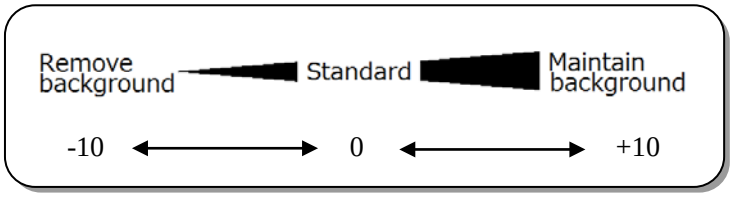
ii) Use [▽], select (Remove base grey setting) item.



iii) Use [Cursor key【◁】【▷】] to set printing concentration.

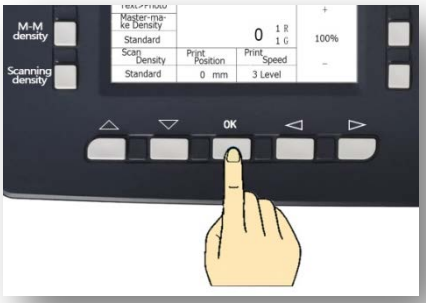


Setting range is from [-10] to [10], and the standard is [0].



iv) Press [【OK】 button] to complete setting.

※ Display picture returns to basic picture.



After setting is completed, even if the power supply is turned off or reset button is pressed, background color removal level will not return to standard [0].

According to the species and conditions of originals, there may be a certain impact on printing quality.

It is more convenient to use the method in the following conditions!

When originals have photos or have gray tone, and it is impossible to strengthen or eliminate tone, the function can not be achieved.

ⅰ) When it is desired to make color darker or make photo darker integrally.

→ Turn background color removal level to direction (+).

ii) When it is desired to make color lighter or make concentration lighter.

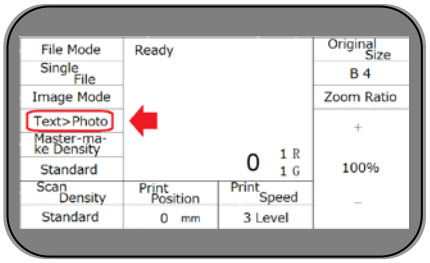
→ Turn background color removal level to direction (-) .

Selection mode conforming to the original

Setting before master making

Select appropriate [Image mode] according to species of originals.

There are 7 original setting modes. They respectively have their own characteristics. Factory setting is [Text > Photo] mode



[Text]

・ For special text mode, overall effect is darker. When there are photos or color patterns in originals, printing quality will be black.

[Photo]

・ Special photo mode will make overall printing effect lighter. The mode strengthens tones of photos and color printing.

[Photo > Text]

・ Originals contain character and images (Color printing) , and pay attention to printing quality of photo (Color printing) .

[Paper]

・ When background color of originals is darker, this mode is selected, like newspaper. Printing effects of lines and characters are thinner.

[Text > Photo]

・ Originals contain character and images (Color printing) , and pay attention to printing quality of characters.

[Screen]

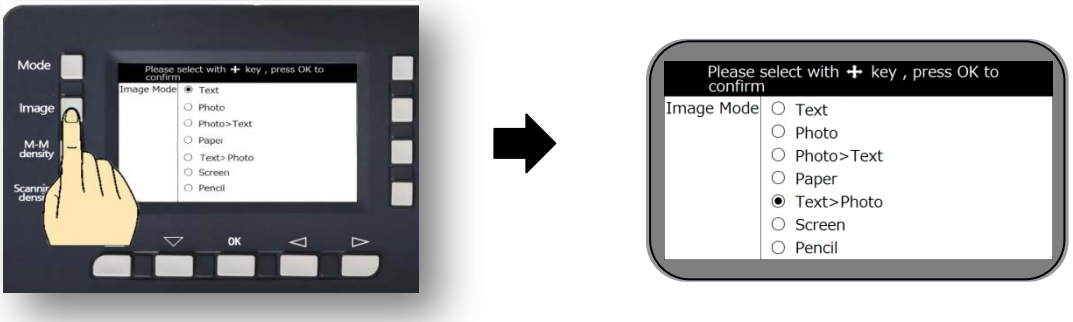
・ In case of using screen for treating photos, printing effect will be clearer and have 3-D effect.

[Pencil]

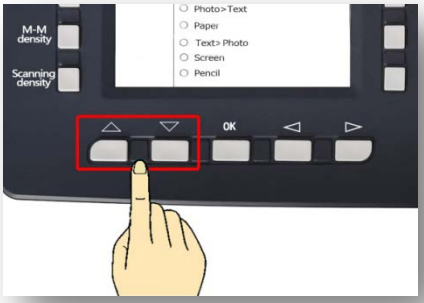
・ The mode is selected for originals written by pencil or written lighter. Overall printing effect is darker and thicker in fonts compared with originals.

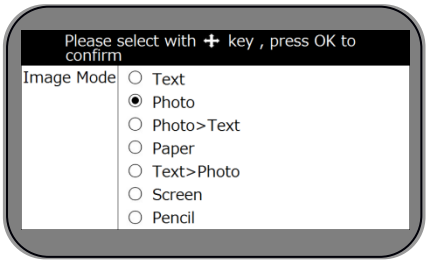
Setting method

ⅰ) Press [Image selection] key to the image screen.

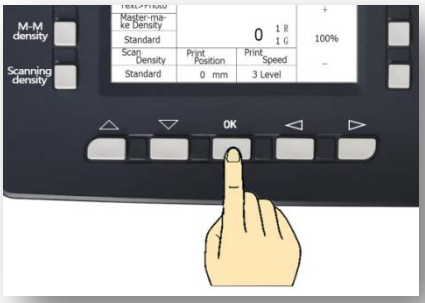


ii) Use [▽] [△] to select the corresponding original mode.





iii) Press [OK].

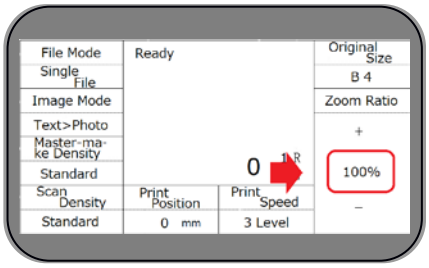


After setting, even if the machine is powered off or reset button is pressed, the machine will not return to [Text > Photo] mode.

Zooming of the originals

Setting before master making

Print after magnifying/zooming originals. When the edges of originals are not blank, please use [94%] zooming function, and print after leaving a certain blank.



Cheak (☛ On originals (Page 17)
On page margin (Page19)

Original zooming is divided into [Common ratio zooming] and [Free zoom]. Free zoom is increased by 1%, and copying proportion is slightly adjusted from 50% to 200%.

Common ratio zooming

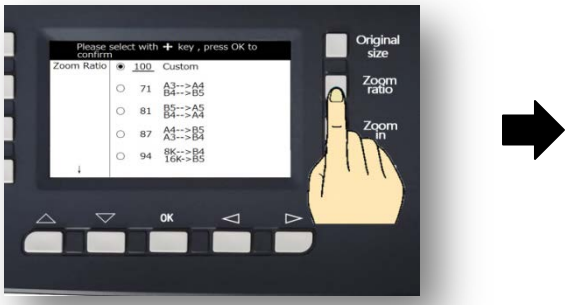
When originals of fixed sizes (A or B series) are zoomed out to originals of other sizes, relevant page margin information.

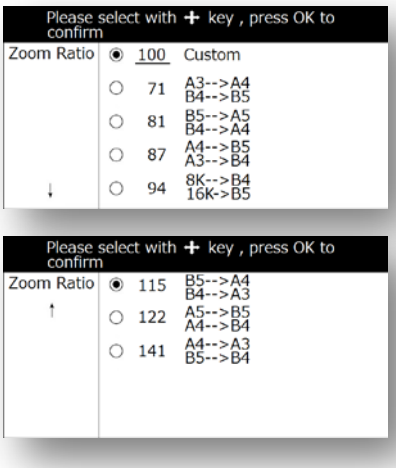
Zooming			Magnifying		
Ratio	Size of original	Paper size	Ratio	Size of original	Paper size
94%	8K4%r 16K%r →	B4 B5	115%	B4 → B5 → B6 →	A3 A4 A5
	Margin				
87%	A3 → A4 → A5 →	B4 B5 B6			
81%	B4 → B5 → B6 →	A4 A5 A6	122%	A4 → A5 → A6 →	B4 B5 B6
71%	A3 → B4 → A4 → B5 → A5 →	A4 B5 A5 B6 A6	141%	A4 → B5 → A5 → B6 → A6 →	A3 B4 A4 B5 A5

※ [8K] [16K] are special paper sizes of Asia.

Common rate zooming setting

ⅰ) Press [Reduction / Enlargement selection] button, choose the zoom ratio.





Free zoom function



In the range of 50% to 200%, the magnification ratio can be set by 1% increment。

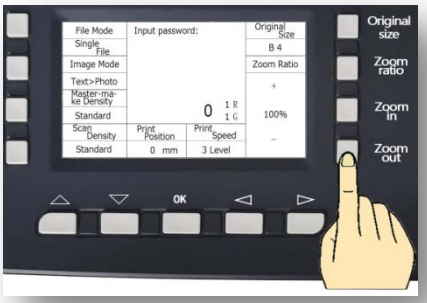
Setting method

ⅰ) Press 【zoom ratio】, turn to the screen.



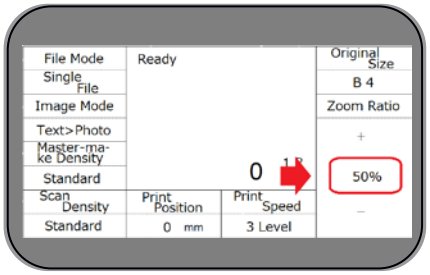
After the button is continuously pressed, value will continuously change.

ii) When you enter the number on the digital panel for zoom magnification, the entered values are showed as a percentage.



After the button is continuously pressed, value will continuously change.

iii) The display screen displays preset zooming proportion.



When using the zoom function, the printed content is moved toward the front of the paper. Please adjust the print position when the front margin is small. Cheak (Page 47)

Please place the original firstly no matter with usual zoom ratio or free zoom ratio. If setting firstly, t hen the mode will go to standard [100%].

If press [Reset], the ratio will go back to standard [100%].

Proof printing numbers setting

When the machine starts master making and printing, there is a proof printing link after master making. After proof printing, the machine will stop. At this time, it is necessary to confirm printing position and printing quality. Proof printing button can be pressed for many times according to practical situation. The machine will complete proof printing number.



It is necessary to start proof printing after master making.

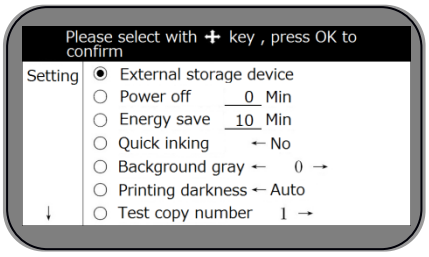
By pressing proof printing button, the number of proof printing paper can be set from 1 to 9 freely. (Factory standard is 1)

If printing number has been input before master making, the machine will be directly used for printing after master making without proof printing link.

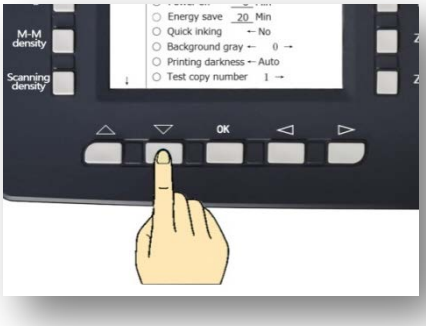
Setting method

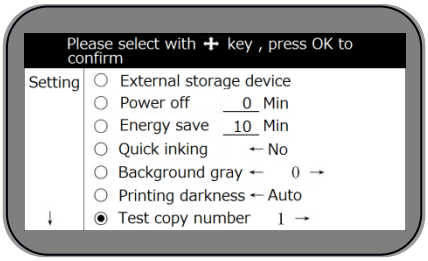
i) Press [SET] key in numeric keys to enter operation setting menu.



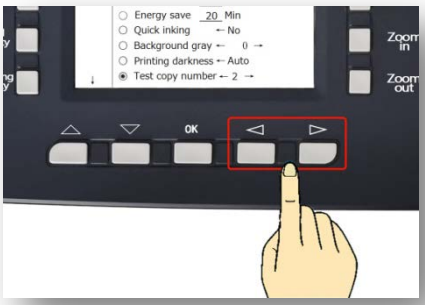


ii) Use [▽] to select (test print setting).





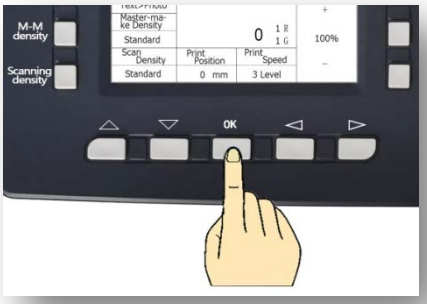
iii) Set the number of sheets using [◁] [▷].



・Any setting from 1 to 9 is possible.

iv) Press [OK].

※ Return to basic display picture.



After setting, even if the machine is powered off or reset button is pressed, proof printing number will not be reset to standard setting (1 pcs) .

During master making and proof printing, if printing paper is rolled on drum, the display screen will display [Paper jam on center]. After removing jammed paper, please confirm page margin / printing position / printing concentration, and adjust according to practical condition.



Cheak

On originals (Page 17)
On page margin (Page 19)
Adjust printing concentration (Page 47)
Adjust printing position (Page 52)
Zoom originals (Page 61)
Information display (Page 133/137)

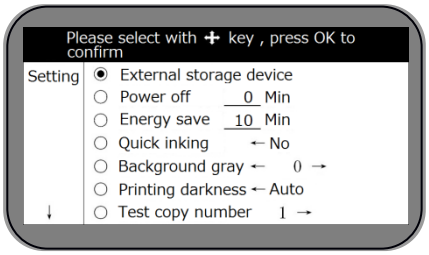
On confidential protection operation

At the end of the print, the stencil (original) used in the printing process remains on the drum. If you want to continue printing, you can enter the number of sheets to be added first, and then start printing again. When increasing the number of sheets is not too many, you can press Test key to increase the sheets.
Because it can be printed directly, so confidential documents, papers and other prohibited third party to see the content can easily be printed out.
The [confidential protection] function is to force the wax paper to be discharged on the drum, so as to avoid being printed by the unrelated person.

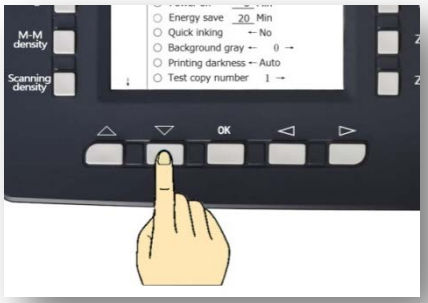
Operating method

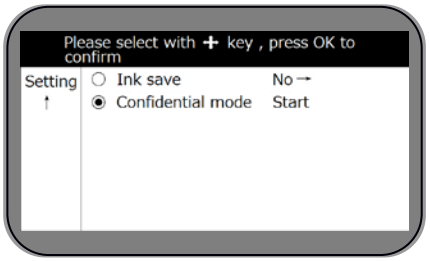
ⅰ) Press [setting], it will turn to the setting screen.





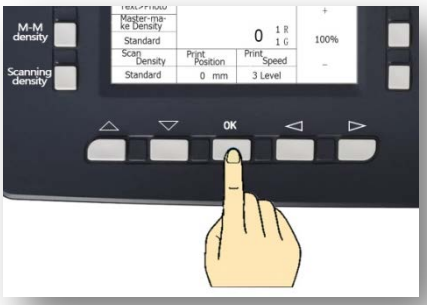
ⅱ) Use [▽] to select the desired item (Confidential operation). (Page 3)





iii) Press [OK].

※ The unloading action is carried out and the master paper rolled on the rollers is forced out.

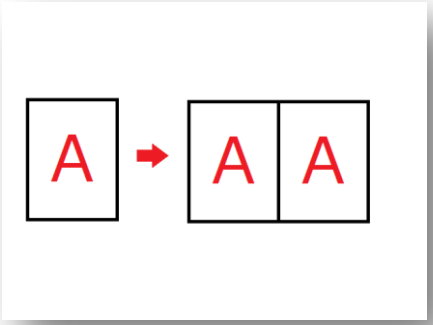


Hints After removing the master, there will be no master on the drum. Keep it long time in this way,there will be dirties (rubbish , dust) will be on the surface of the drum. In this case, please put a piece of blank paper on the scan table to start master making, to make the master rolled on the drum.

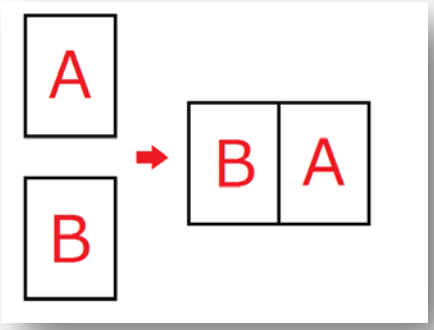
Special printing function

Two-in-one master-making function

The function is used when two same or different originals are printed on one piece of paper.



・1 original

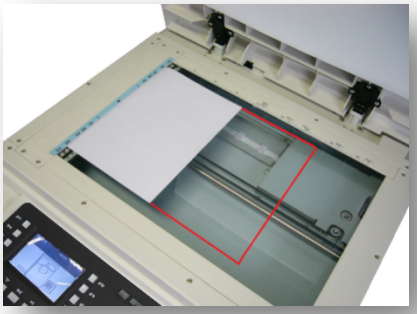


・2 original

Operating method

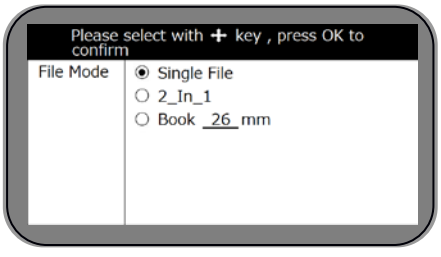
i) Put originals on original scanning table.

Paper setting direction is different with general setting direction.
(Long sides of originals are put on the left, as the right figure)

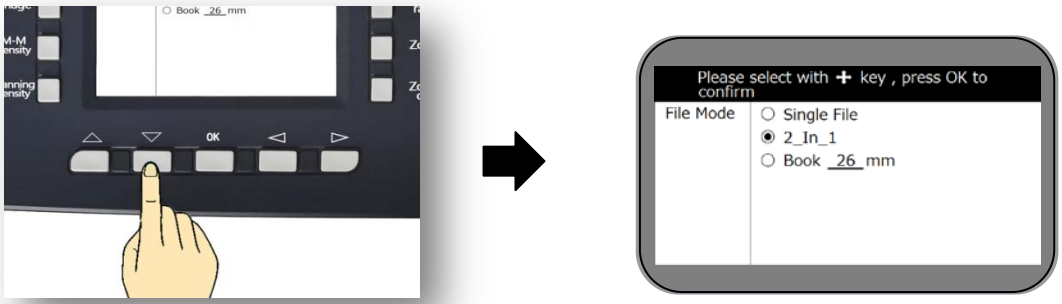


ii) Press [Mode] button.



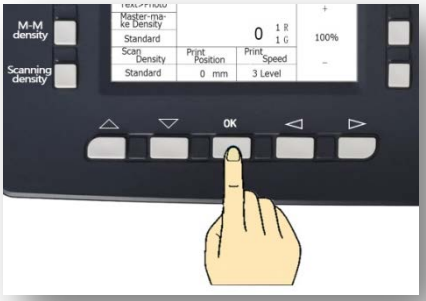


iii) Use [▽] and choose [2 in 1]



iv) Press [OK].

※ Return to basic display picture.



v) Flexibly use [Original zooming] and [Original mode] functions according to practical condition.

Generally speaking, when the original size is a half of printing paper, 100% ratio of original is used. When large original is used, original zooming function is used, but the maximum original size should be no larger than A4.

The machine has automatic original recognition function in factory setting. If size of original used is [A4], [B5] or [A5], the machine can automatically detect original size.

When the size of original used is [A6], please use manual original size selection function to select [Postcode]. Since sizes are different, printing position may be a little different.

Cheak Manual original size selection (Page29)

※ Zooming proportion when using two-in-one function (Red words can be set by any proportion)

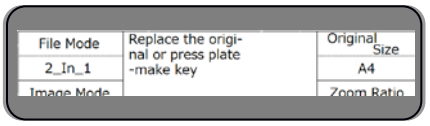
		Size of printing paper			
		B4	A4	B5	A5
Original size	A4	87%	71%	61%	50%
	B5	100%	81%	71%	57%
	A5	122%	100%	87%	71%
	Postcard (A6)	173%	141%	122%	100%

vi) Press [start master making] start to scan the first piece.

・ Start to scan the first piece.



vii) After the first original is scanned, prompt sound is made, and meanwhile, display information will also change.



・At this time, put the second original.

Even if the first original is used, scanning cover plate should be opened for placing originals.

viii) By closing scanning cover plate, the machine starts to scan the second original, and starts proof printing after scanning.



After the first original is scanned, if the master making button is directly pressed without opening the scanning cover plate, the printing position of the second original will be blank. When printing on single side, the method can be used for master making.

Before the first original is scanned, original mode and zooming proportion should be set, and they can not be changed when the second original is scanned.

Master making of books and magazines



Directly put books and magazines on original scanning table for printing. Since hinges floats up, there will be band-like shadow in the middle portion. The function can automatically eliminate bank-like shadow.

Operating method

i) Open books (Magazines) , turn to the page to be printed and put it on the scanning table, and cover the scanning cover plate slightly

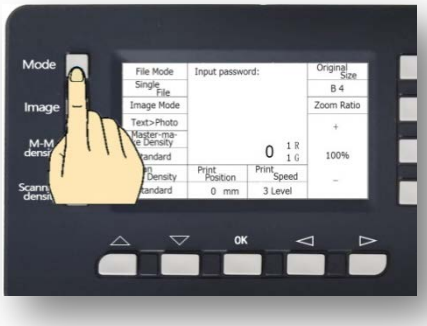


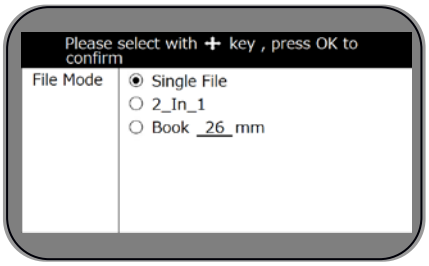
The size of books that can be used is maximum A4 / minimum B6 in the closed state.

Original scanning table is made of glass, and its maximum bearing capacity is 10kg. Do not put objects on the scanning table violently and do not drop objects on the scanning table, so as to prevent breaking glass. Do not press scanning cover plate by force.

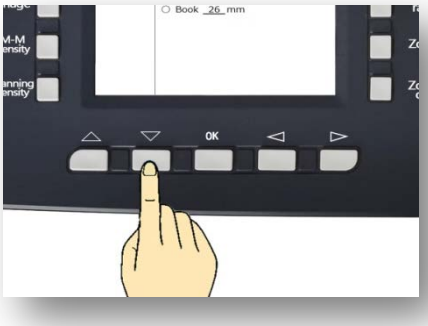
Cheak Notice (Page 7) On originals (Page 17) Prohibit copying printing matters (Page 21)

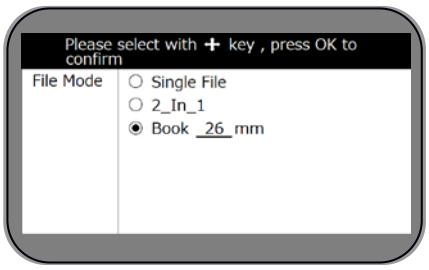
ii) Press [Mode] button.



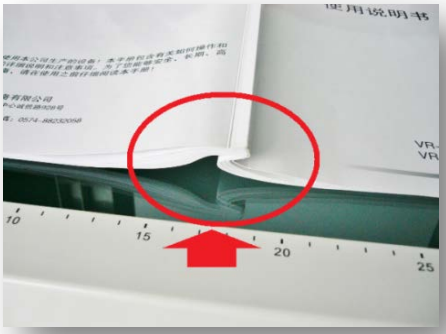


iii) Use [Cursor moving key【 ▽】] to select book mode.





Numbers (Number in figure is 26mm) displayed at this time are input to prevent shadows on hinges and floats of books and magazines from being printed to blank line, so as to play a role of regulating widths of shadows in books and magazines. (Standard setting is 26mm)



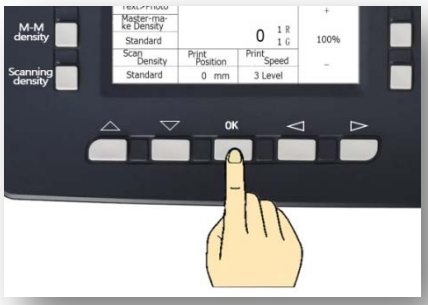
iv) Use the numeric keys to enter the size of the shadow to be removed.



Setting between 6mmand 70mm

v) Press [OK].

※ Return to basic display picture.



Like two-in-one function, during master making for books and magazines, the general specification is A4 and B5, which can be automatically recognized by the machine. If the specification can not be recognized, please manually select corresponding size.

If setting of shadow size is not reasonable, printing will disappear.

Since originals are stereo bodies, there will be shadows around originals, which are the paper jamming causes.

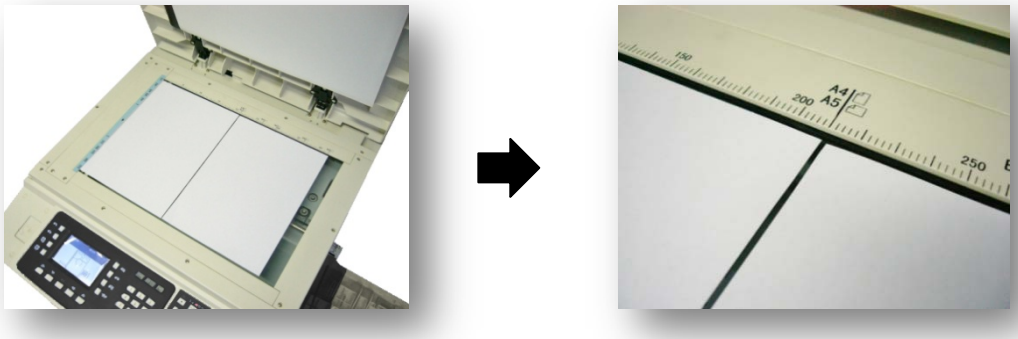
vi) Press [Master making start button]

To prevent originals (Books and newspapers) floating, please press originals gently.



The method will be used easier in the following conditions

・When two same-sized originals are put on scanning table in parallel for scanning and printing, there will be shadow of boundary line between two originals. In this case, book and magazine mode should be used, and shadow line should be eliminated.



Operation method is the same with master making method of books.

After the machine is powered off or set button is pressed down, return to standard setting (One original) .

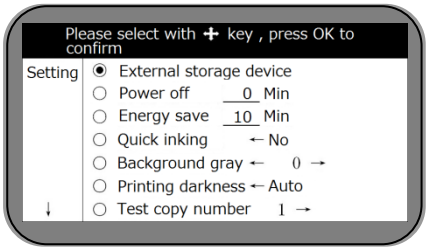
Ink saving mode

The mode can be used to save ink consumption. After the mode is used, standard setting is OFF.

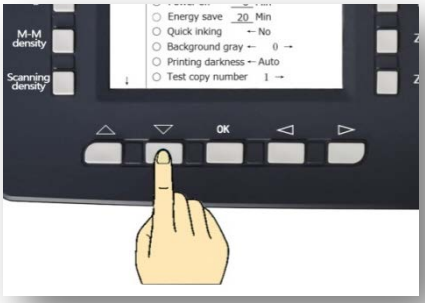
Operating method

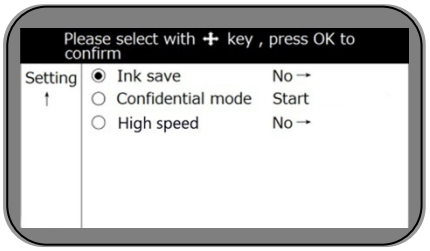
i) Choose [Image Mode], enter this mode interface.



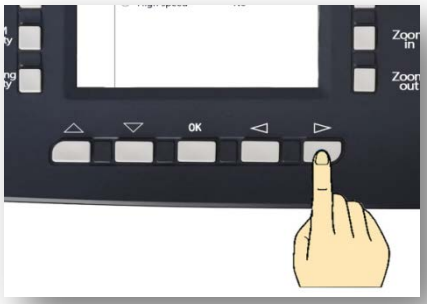


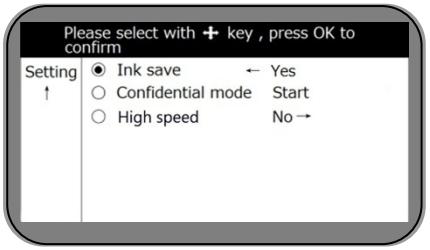
ii) Press [【 ▽ 】] to choose [Ink saving mode]





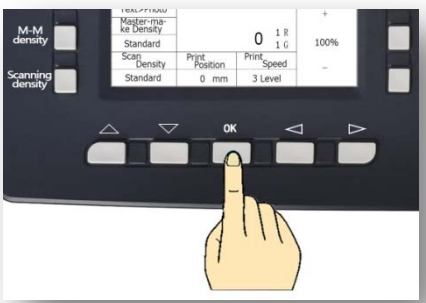
iii) Select ink saving setting by [Cursor moving key【 ▷】].





iv) Press [OK] .

※ Return to basic display picture.



Maybe there is part rotating sound in the machine, which is normal.

After the setting is completed, even if the machine is powered off or reset button is pressed, it is impossible to return to standard setting [OFF].

Ink volume will be controlled through lowering master making concentration in the setting. Therefore, printing quality will be slightly influenced.

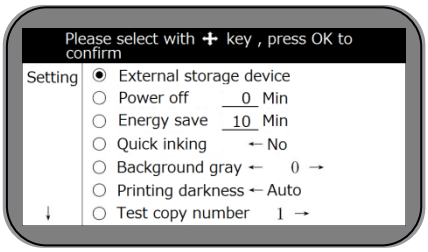
Quick ink outlet function

The master-making master paper should be adhered on drum by force, which is clearer than proof printing after master making. Standard setting is [OFF].

Operating method

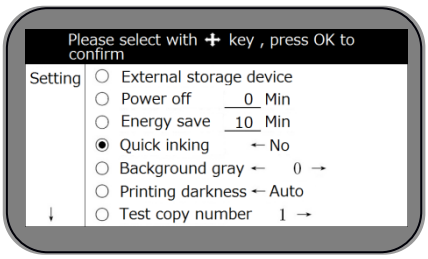
ⅰ) Press 【SET】 key to enter operation setting picture.



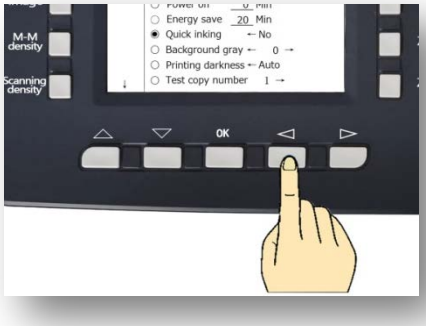


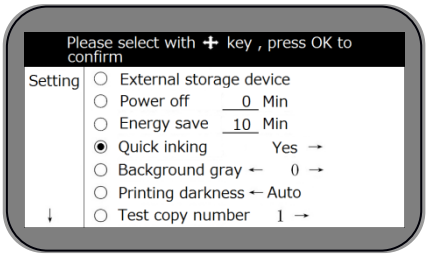
ⅱ) Press [【▽】], move to [Quick inking] item



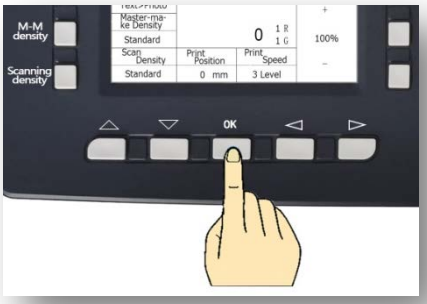


ⅲ) Press [【◁】], select [Quick inking] item





iv) Press [OK]



※ Return to basic display picture.

After setting is completed, the paper feeding part will slowly feed one piece of printing paper. The paper will not affect actual proof printing number, and will not be numerated.

After the setting is completed, even if the power supply is powered off or reset button is pressed, the setting will not return to standard setting [OFF].

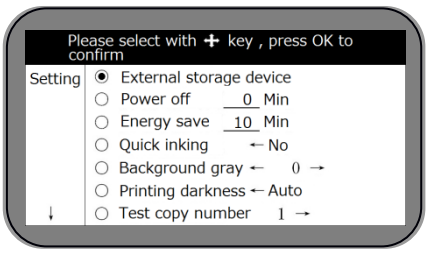
Running without load function

This function is to make ink cover on the drum on average during master making.This function is closed in factory standard.

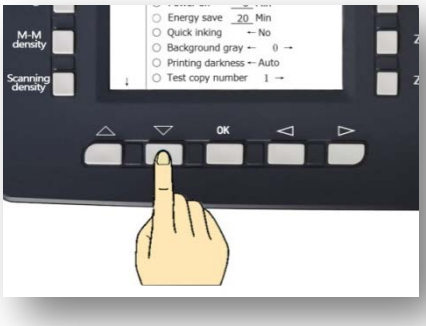
Operating method

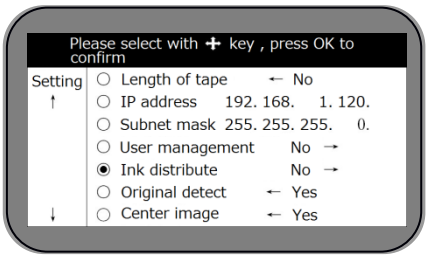
i) Choose 【SET】to enter the setting interface.



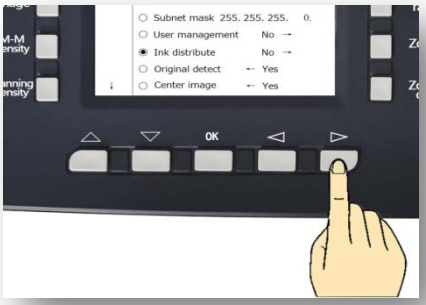


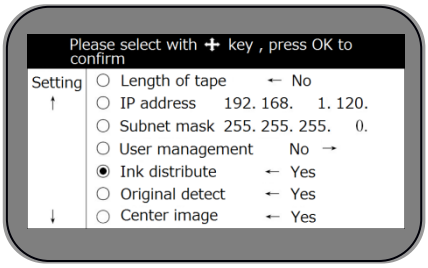
ii) Press [【 ▽】], move to average the ink. (In the 2nd page)





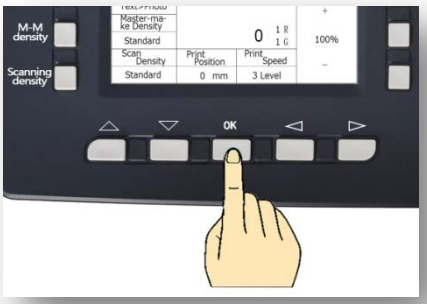
iii) Press [【▷】], select average the ink.





iv) Press [OK] to confirm.

※ Return to basic display picture.



Hints After the setting, it works in the continuous plate or a small amount of printing, the back of the drum will appear leakage. In this case, turn off the air run function.

Important After the setting is completed, even if the power supply is powered off or reset button is pressed, the setting will not return to standard setting [OFF].

Replacement of consumables (Ink and master)

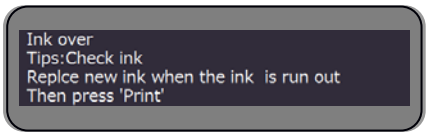
- Replacement of ink 77
- Replacement of master 80
- Wasted maters treatment method 85

Drum treatment method

- Method of taking out and mounting drum 87

Replacement of ink

When ink used out, there will be remind for used out on screen and the machine will stop working.



Ink change method

i) Open the front door.

Please open the front cover when the machine stops.



ii) Pull out the switch of ink bracket, the bracket will lie down again our body.

Due to the close installation of ink cartridges, slightly need to force.



iii) Take out the ink cartridge used out.



iv) Unscrew the cover of the new cartridge.

Avoid ink overflowing dirty clothes.

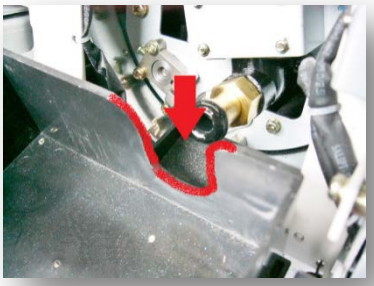


v) Install the new cartridge in the ink mounting bracket.



Install the cartridges into the corresponding positions of the mounting brackets.





vi) Gently close the mounting bracket and lock it.



There will be a sound of [crack] when locked.

vii) Close the front door



viii) Start [Printing]



Notices of changing ink

Ink in the uncovered ink box can not be placed for longer time. If air enters the ink box, ink will absorb air. If there is still ink in ink box, but the display screen displays that ink is used up, ink bag should be slightly pressed on the ink box opening.





When changing ink, in case of finding abnormality (Scratches / Damage / Oil leakage) of ink box, please stop using.

Application of nonconforming ink will lead to machine fault and bad operation.

Please do not store ink in ultimate high temperature / Low temperature / Direct sunlight environment to prevent ink going bad

Please pay attention to the service life of ink. Overdue ink will lead to machine fault and unclear printing. Production date of ink should be recorded on ink box.

Please carefully read relevant notices of ink and ink box.

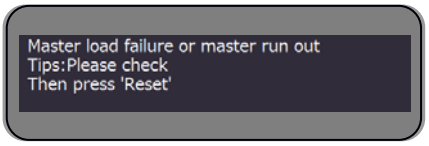
On ink supply



The machine will supply ink under proof printing state after master making. At this time paper feeding is terminated, and when drum is rotated, ink is supplied.
There will be hints in the right figure. The hint lasts for 90s at maximum, please wait in patient. When oil supply is completed, the machine can start printing. When ink is used up, the machine will stop, and the display screen will display [Change ink] hints.

Change master paper

When master paper installed on machine is used up, the display screen will display hints shown in the right figure.



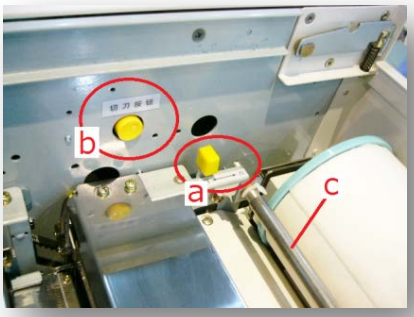
Name of component used when changing master Cheak (Page 28)



a： geeral head release lever

b： Cutter button

c： Shaft



※ The front end of the master installation part is operation part.

Master paper changing method

i) Open original scanning table.

① Press switch handle.
② Push away scanning table cover.

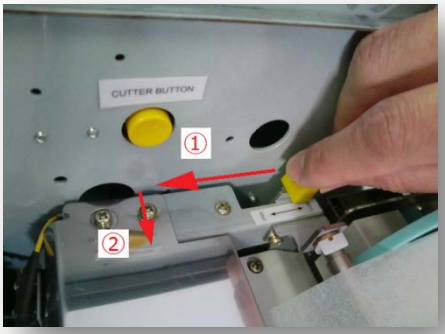
Cheak (Page 24)



ii) Push the thermal head release lever to [Open] position.

① Push forwards
② Lock to left

・Because there is dragging of spring, it is necessary to put force slightly.



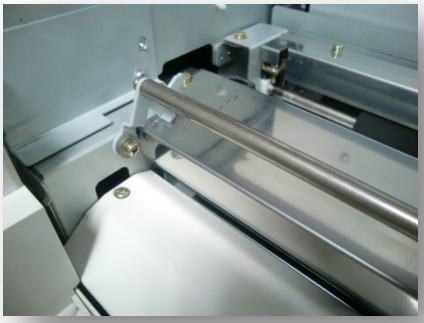
iii) Take out exhausted master paper.



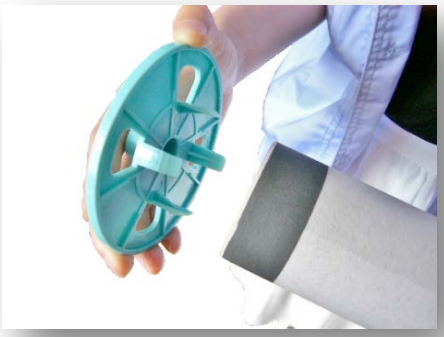
- Roll back master paper according to arrow direction, and then take it out.

iv) Pull the long preventing creasing axis of the master





v) Take down left and right master paper flanges on master paper core.



Please do not discard left and right master paper flanges.

There is a component separated from flange on the inner side of the paper tube, and please dispose of in conjunction with the master paper tube.

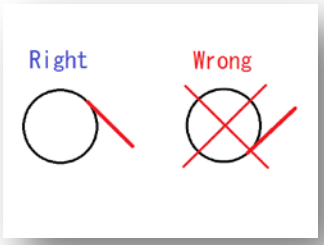


vi) Install the flanges to the new master paper core.



There is no difference between two flanges.

vii) When placing master paper, please pay attention to its direction.





viii) Press and feed the front head of master, and hold on the master set button.



・ When the master goes forward for 10cm, left and right fingers release the cutter button.

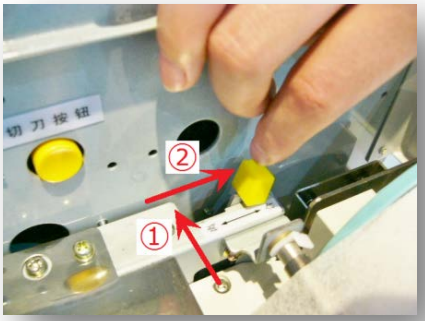


At this time, master should be free from wrinkles.

ix) Pull the thermal head release lever to [Close] position.

① Push forward
② Lock the left tightly

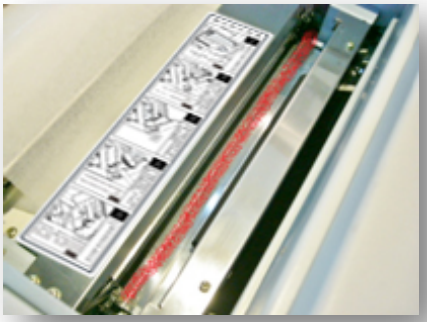
・Please push it with force due to the spring strength.



x) Short press cutter button.



a) Cutter slides to cut out residual master paper, and you can hear cutter sliding sound.



Notices (Danger)

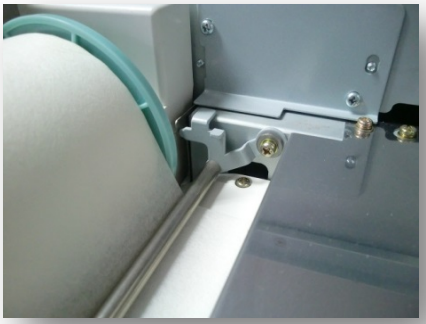
・At this time, do not put your hands in red line indication zone in the right figure. The cutter will cut out residual master paper here.

b) After cutter stops sliding, take out master paper.

Take out master paper after making sure sliding sound disappears.

xi) Put down the master metal shaft.





xii) Close the original scanning table/ Scanning table cover.



Master paper changing method

Master paper is made of thin materials, and will be greatly influenced by humidity. Pay more attention to store master paper, and do not put it in the environment with ultimate high temperature and low humidity.

Application of master paper nonconforming to the machine will lead to machine failure and bad motion.

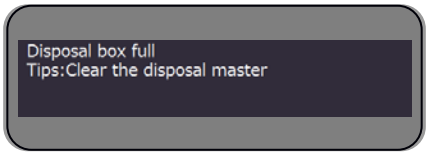
Please pay attention to the storage period of master paper. Long-term storage master paper will lead to machine fault and unclear printing. Before purchasing master paper, please pay attention to inventory.

When there is still master paper on the machine but the display screen displays [Change master paper] information, take out it and reinstall it. If impossible, please change new master paper.

Cheak Master paper changing information (Page 80)

Waste master paper treatment method

When new originals are used for master making, the old one will be automatically discharged in waste box. When the waste box is full, there will be hints. Please throw away old master paper in waste box.



Treatment method

i) Press the switch of the waste box to open it.



Stop running before operating the machine.

Cheak Name and functions of each part (Page 26)

ii) Totally open the waste box.

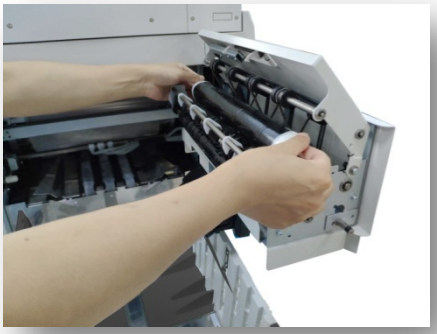


iii) By pressing the switch of waste box, the cover plate on the waste box will be opened.



iv) Take out the core rolled with waste master paper.

Do not touch master paper to prevent ink sticking on your hand. Hold the core by two hands.



v) Hold the paper core by one hand and dispose it to waste box.



The core should be sloped down slightly, so as to take down waste master paper easily.

Core will be recycled, please do not throw it away.

vi) Put the core back to the waste box.



vii) By pressing the upper cover, you will hear a sound of " bang" when it is locked.



viii) When the outer cover is closed, you will hear a sound of "cracking" when it is locked.



No matter why the upper cover of the waste box is opened, please throw away the old one no matter the waste box is full or not.

The old one is with ink, please pack it by plastic bag or paper before discarded, so as to prevent polluting surrounding objects.

Pull out and installation of drum



Remove card paper in the machine, and pull out the drum for cleaning the inside of the machine.

Before drum is pulled out of the machine, please first confirm whether the place to place drum is flat or not; if the drum is placed on uneven place, the drum will be damaged or other accidents will be caused.

The drum is equipped with ink. Please pay attention to avoid ink sticking on your hands and clothes when the drum is pulled out.

Do this in power-on state.

ⅰ) Open the front door.



・After the front door is opened, the drum will rotate. Operate after rotation stops.
(Judge through movement sound)

ⅱ) Pull the drum mounting handle up to unlock



ⅲ) Pull out the drum



・Please pull out the drum slowly. The drum will be blocked by braked when pulled to the final position.

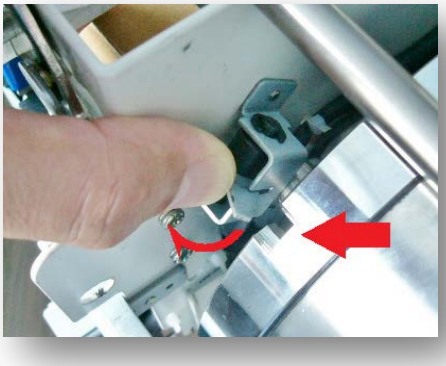
ⅳ) Hold the handle by one hand, and hold the drum frame by other hand and take out the drum.



・Pull up the drum slightly to make it leave guide rail.

ⅴ) Install in opposite sequence.

Rotate the drum when it is pulled out of the machine body



・ Generally, the position of the drum is fixed by brake. The brake should be unlocked to rotate the drum arbitrarily.



・ When the drum is totally pulled out of the machine body, rotate the drum to left.



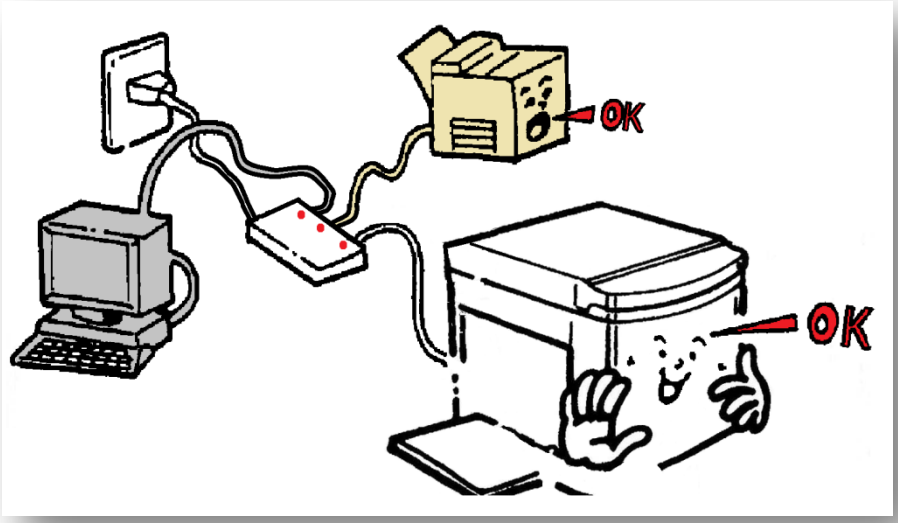
・ When the drum is put back to the machine body, please adjust the drum to make fixed position of the brake in osculated with brake.

If the fixed position of the brake is not in osculated with brake, the drum can not be installed. Mandatory installation will cause machine fault.

Do not rotate the drum when it is half pulled out of the machine body, which will lead to drum failure.

On-line printing function

Connection of LAN



The machine is not only used to print single page and originals of books and magazines, can but also send documents and data made in computer to the digital duplicator for printing 3 Ways.

3 methods:

- LAN connection（ JR-7370S/6370S standard features ; JR-7360S/6360S optional）
- USB data cable connection (for all the models)
- U flash disk datareading（ JR-7370S/6370S standard features ; JR-7360S/6360S optional）

When the above methods are used, please use special [Digital duplicator driver]. Please install beforehand.

Procedure as below based on [Windows7／64bit ver].[Ver 3,2]

- Installation sequence of digital duplicator driver 90
- Initial setting of digital duplicator driver 102
- Network connections 105
- LAN / USB Online printing 115
- U flash disk printing 119

Installation sequence of digital duplicator driver

Before installation

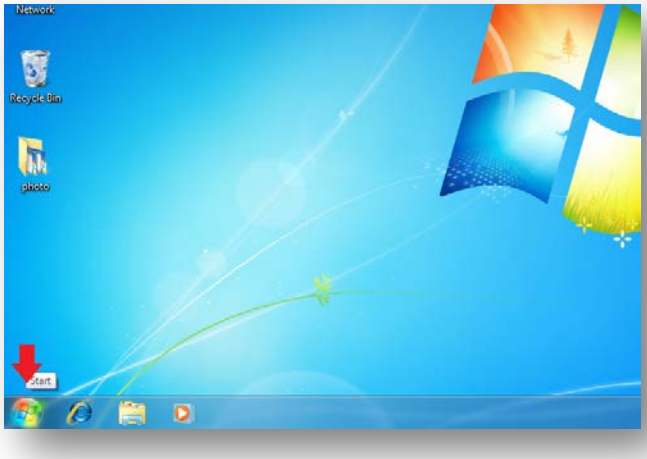
Since computer will be used in different environments (Brand, OS and safety prevention) , information in installation process may be different with the Manual or installation may be failed, please understand. The Manual is prepared according to operation system [Windows7 / 64bit]

Start

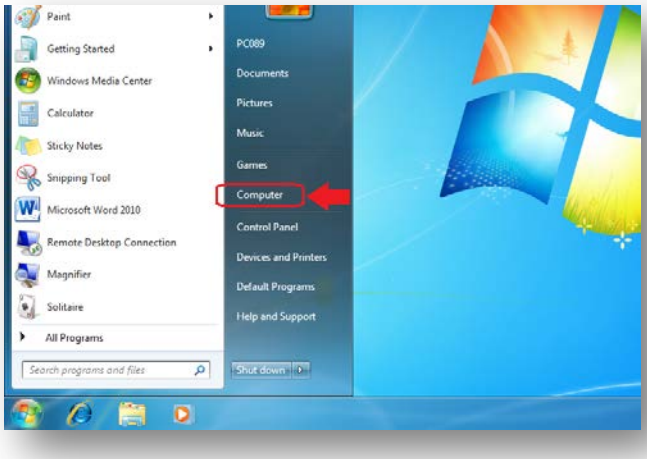
Please confirm computer operation system, and install according to the operation sequence in Manual step by step and according to confirmed contents. (If the installation has been known, the following contents can be omitted) .

Confirmation method of operation system

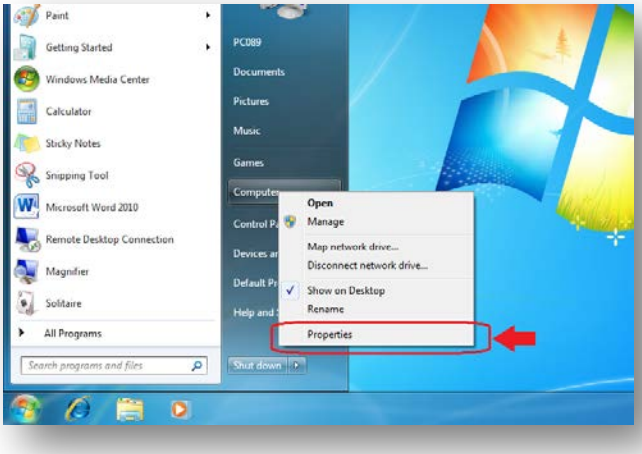
1. First click lower left start button in startup state.



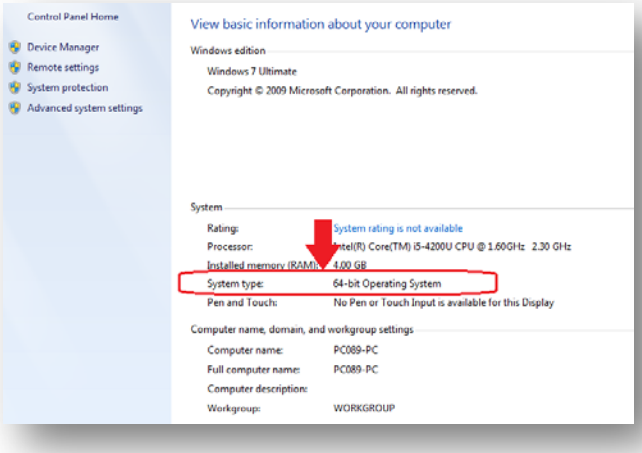
2. After selecting [Computer], click the right key of the mouse.



3. Click [Properties].



4. Numbers under [System type] are bit numbers of [Operation system].



※ The figure above shows [64bit edition]

5. After confirmation, please click the upper right [Close (C)] button of the window, then the display window disappears.

Operation system is divided into two kinds of [32 bits] edition and [64bit] edition. Since [Installation of digital duplicator driver] has requirements on this item, be sure to confirm this item.

Installation of digital duplicator driver

Firstly,
Digital duplicator driver is installed when the computer is powered on and the power supply of the digital duplicator is powered off. LAN connection / USB data cable connection / U flash disk printing, all the methods need install the digital duplicator drive.
LAN connection needs install drive programme. The programme (printer driver programme installation) can be omitted.

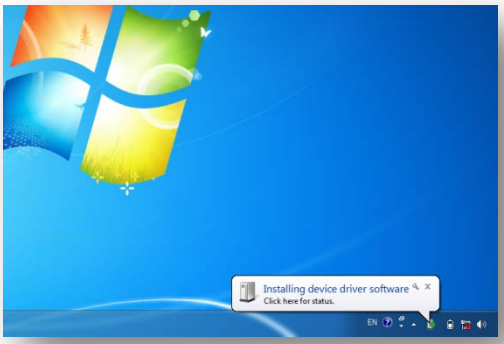
1. Connect the computer and digital duplicator by USB power cord of the digital duplicator

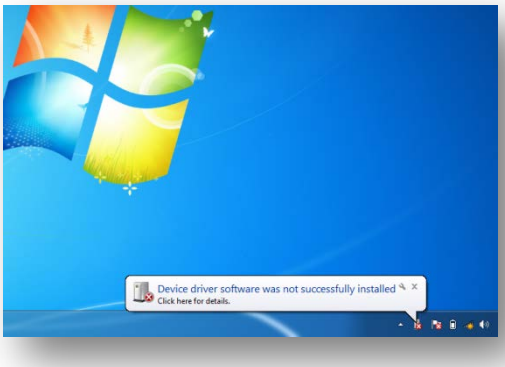




Hints USB Port is on the right side of the operation panel. Cheak (Page26)
Please check the USB port as per computer accordingly.

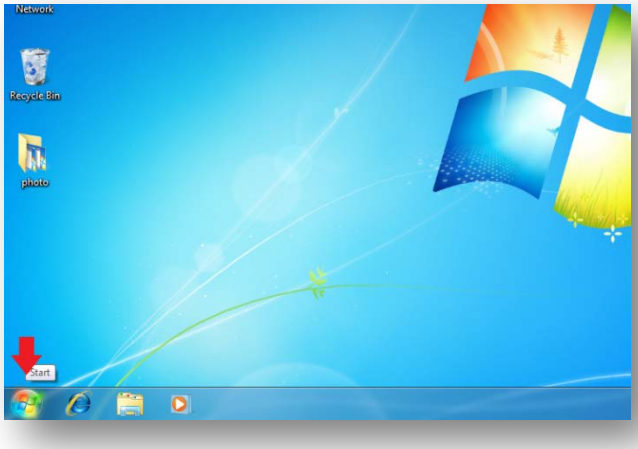
2. Once the digital duplicator is powered on, the computer will automatically recognize and display [Digital duplicator connected] information.



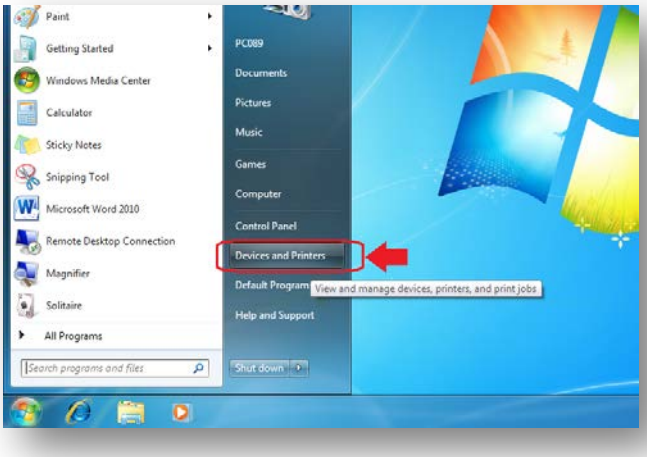


· Start the next step after information display.

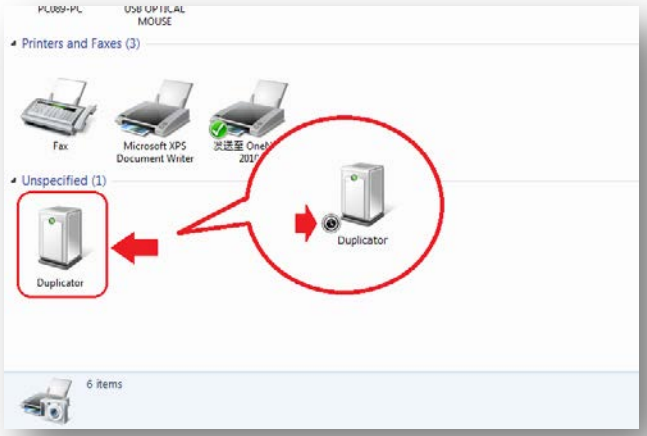
3. Click the lower left [Start] button.



4. Click [Device and printer].

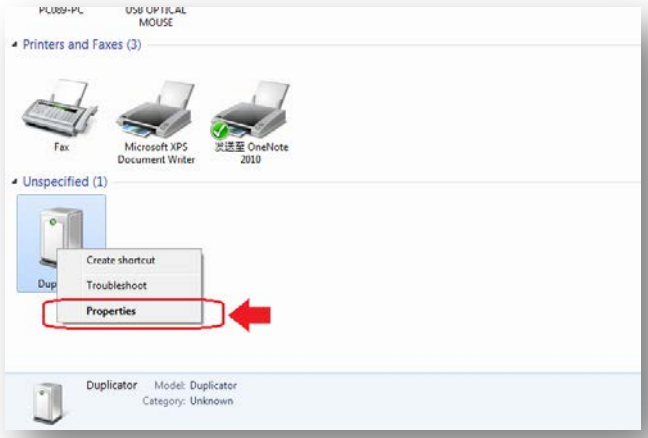


5. The printer connected has been recognized and displayed by [Duplicator]. Click the right key of mouse in the option.

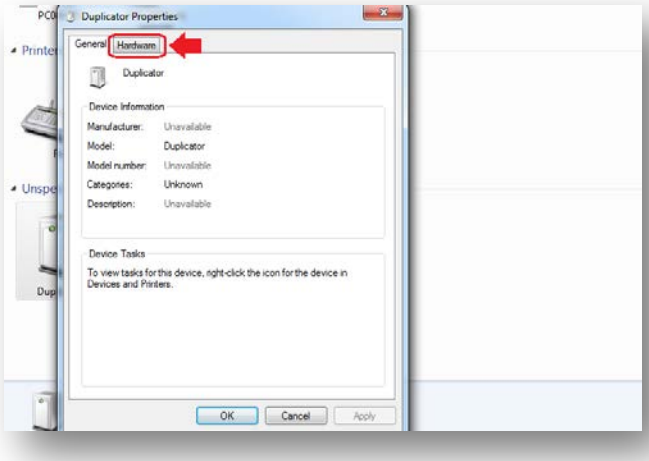


※ If the "clock" is still existing, it means printer is not finishing recognizing with computer connection.Please wait till it disappear to start operation.

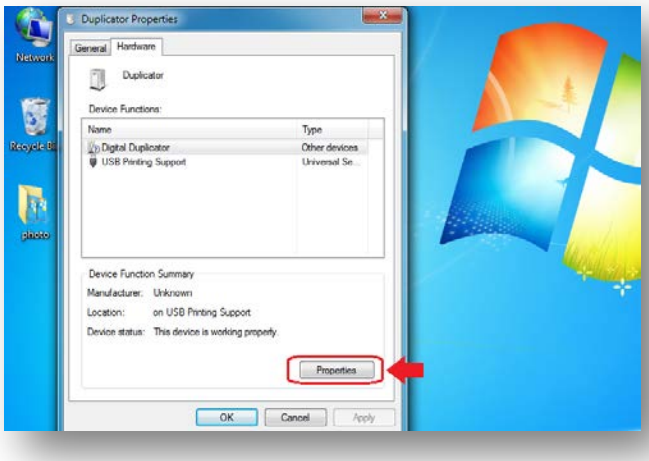
6. Click [Properties] .



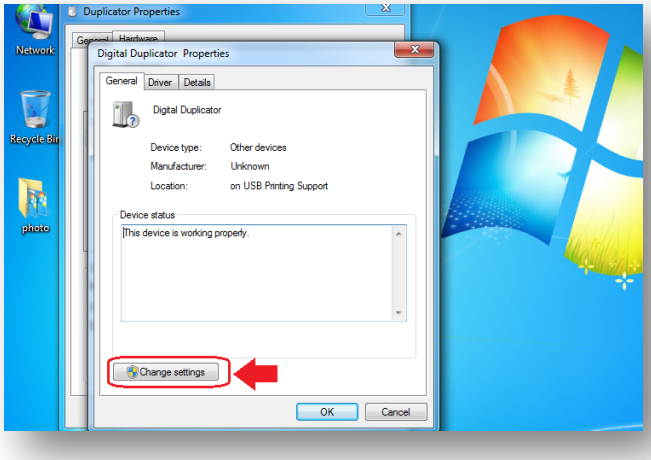
7. Click [Hardware] in [Duplicator properties].



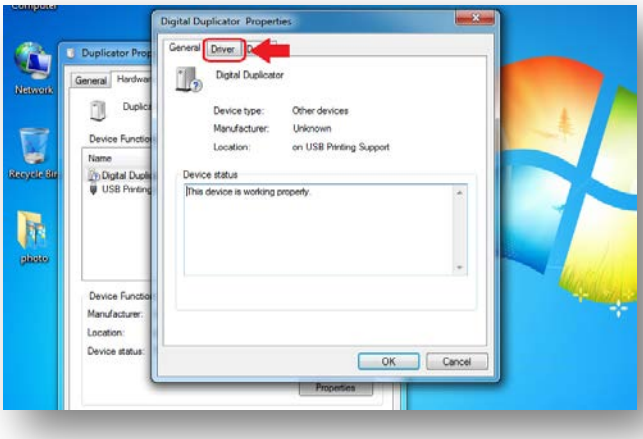
8. Click [Properties].



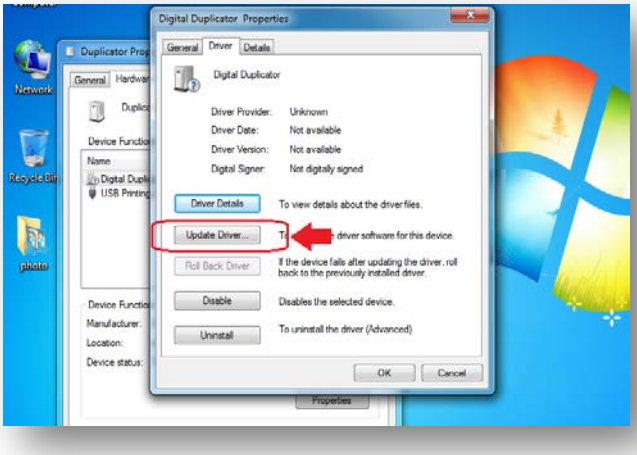
9. Click [Change setting] in [Duplicator properties]



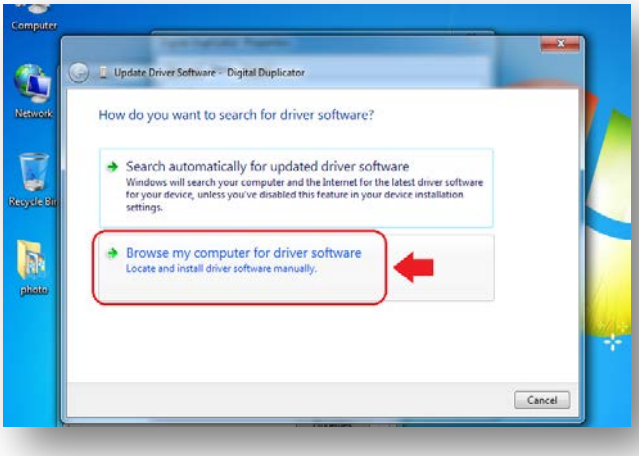
10. Click [Driver].



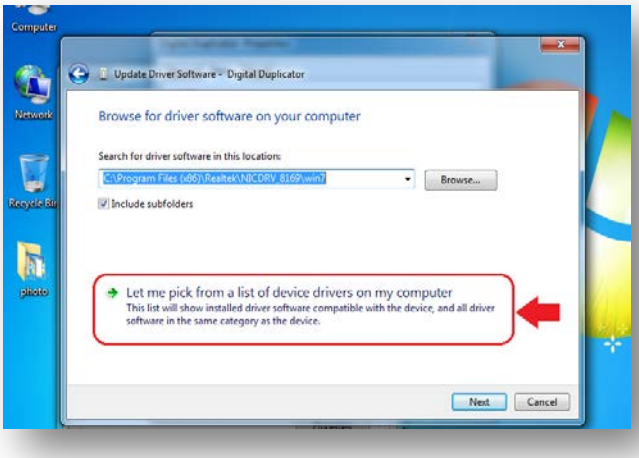
11. Click [Update driver].



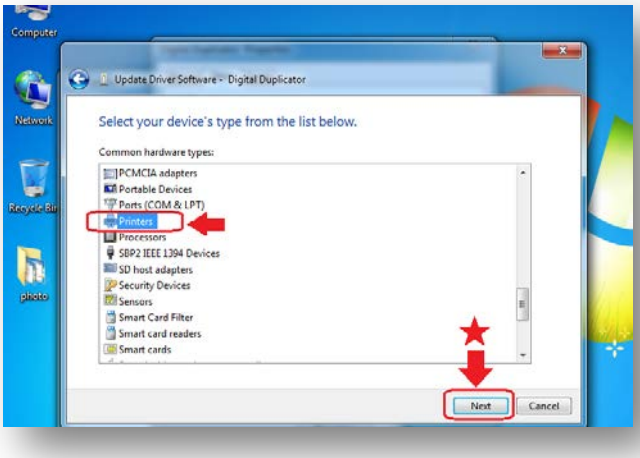
12. Click [Browse my computer for driver software] in [How to search drive software].



13. Click option in [Browse for driver software on your computer].

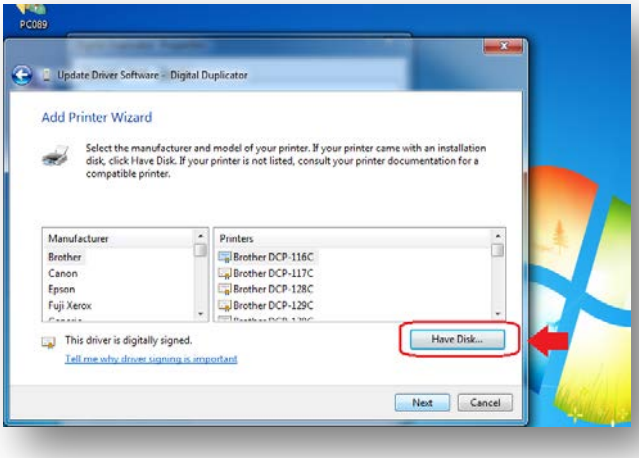


14. Double click [Printer] in [Common hardware types].



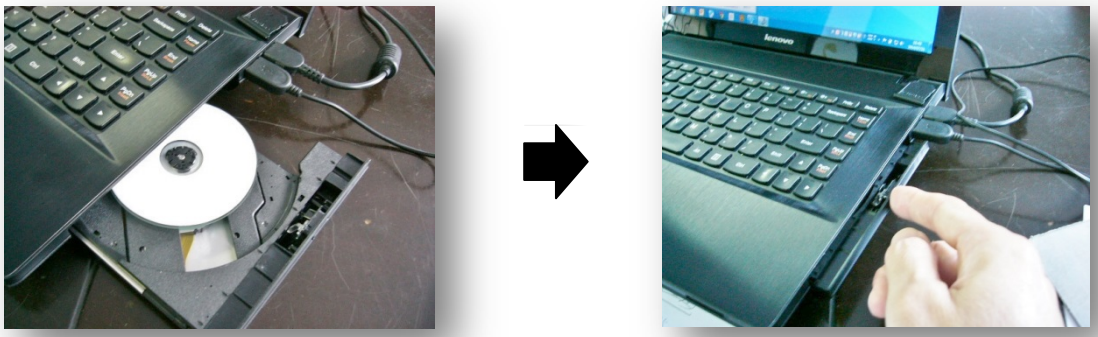
- After double clicking [Printer], click [Next (N)].

15. Click [Have disk] in [Add printer wizard]



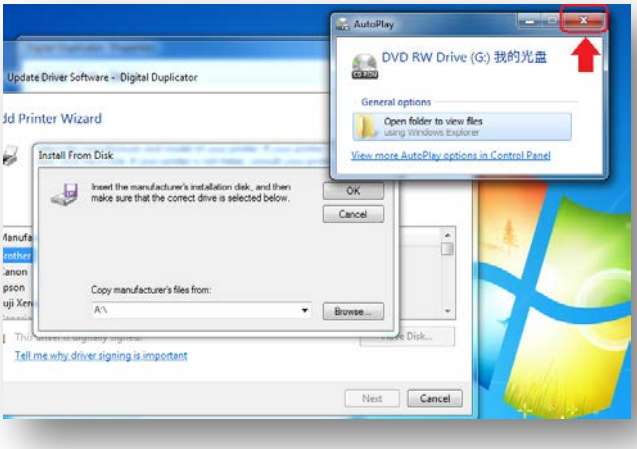
- If you do not want to see this screen, please proceed to the [Step 16].

16. Install CD attached in computer driver.

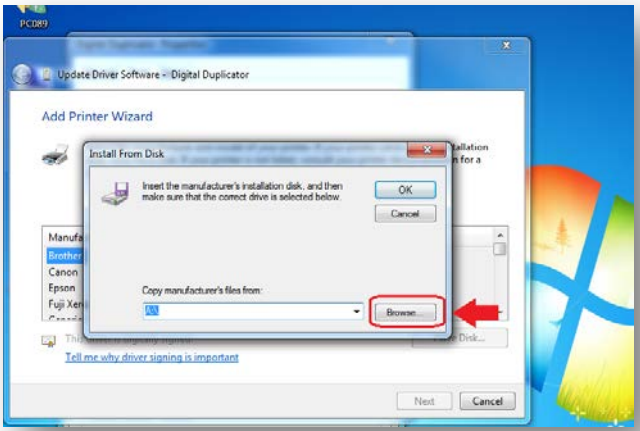


・ The operation method should be confirmed through computer actual practice.

17. When [Auto-play] picture is automatically displayed, click upper right [Close (C)] option.

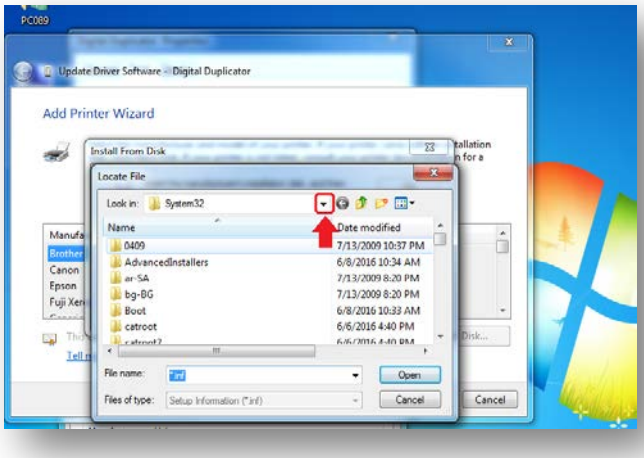


18. [Install from Disk] picture will be displayed, at this time, click [Browse (B)] option.

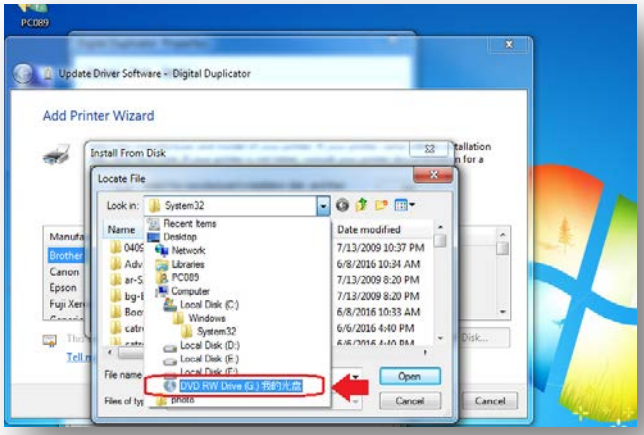


※ This operation may directly jump to [Step 24] on 99 pages, please continue to set the starting [Step 24].

19. Click [▼] key in [Look in] in [Locate file].

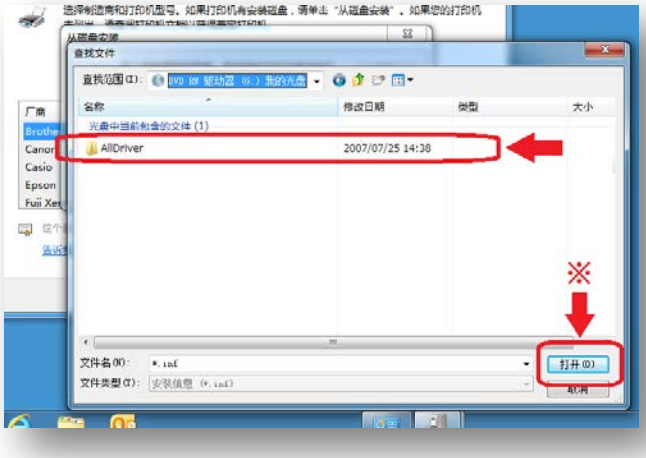


20. Click [DVDRW drive] option in [Look in] table.



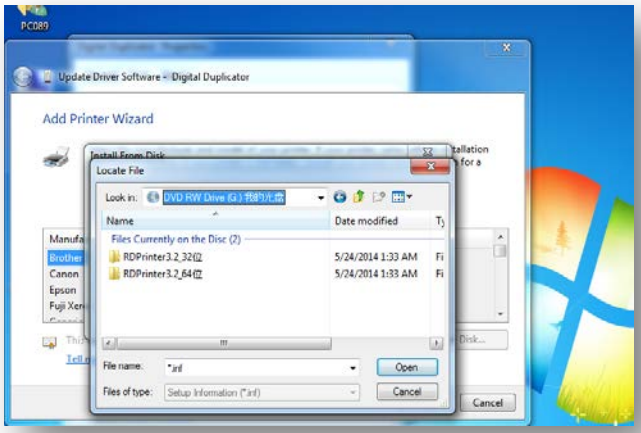
- On file name, it might be a little different as per different computers.

21. Contents of CD installed in computer driver in step [16] will be displayed.Double click [All Driver] folder file.

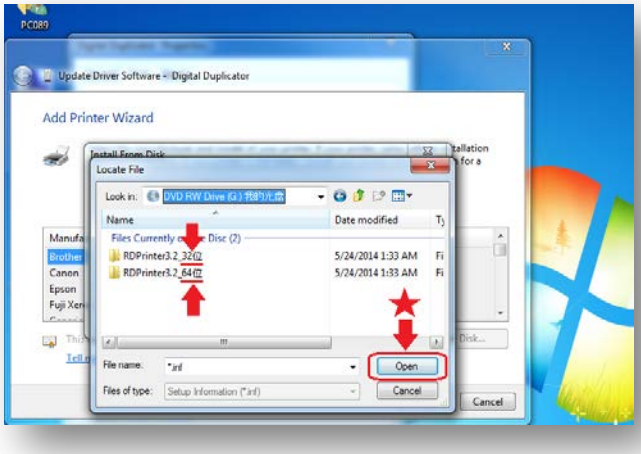


- Double click [All Driver] and then click [Open] option.
- There may happen to skip this to item [22] directly.

22. Show two files saved in CD. The displays of the files are different as per PC and CD type.

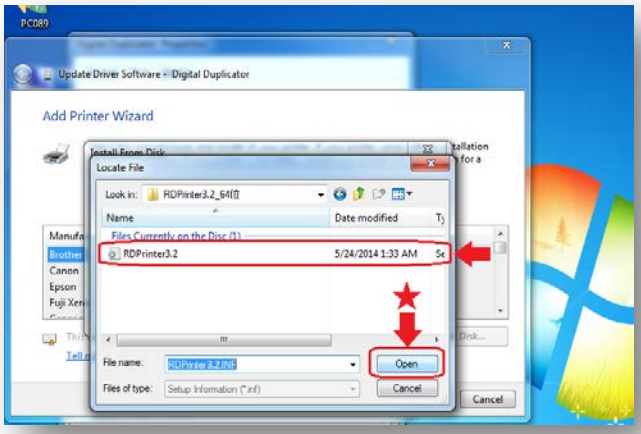


23. [Operation system] has been confirmed in page 95 of the book, please double click folder file matched with computer bit numbers.



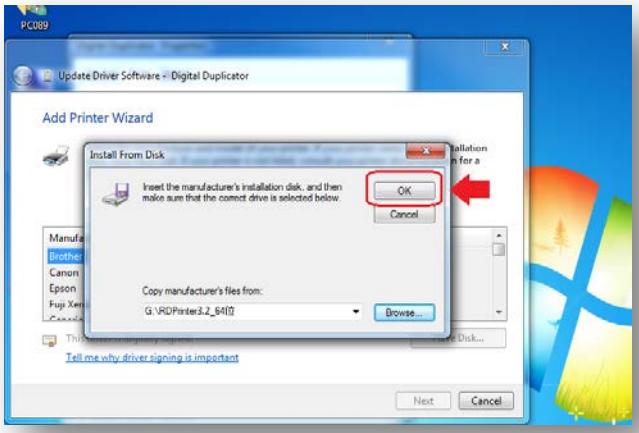
・Select folder file at random, and click [Open (O)] option after selection.

24. Display [Digital duplicator driver] program menu, and double click [RDPrinter3.2] option.

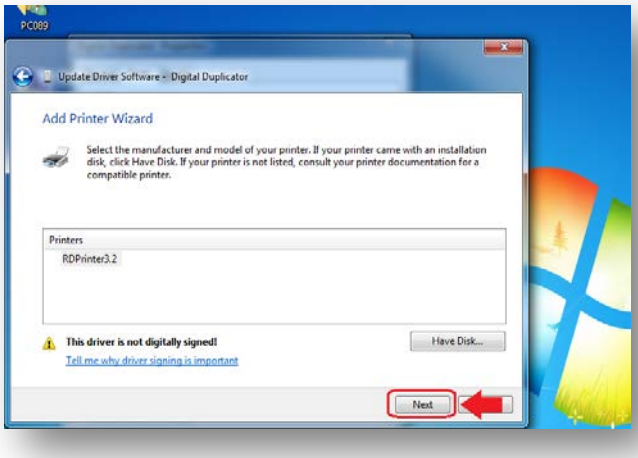


・Double click [RDPrinter3.2] , and then click [Open (O)] option.

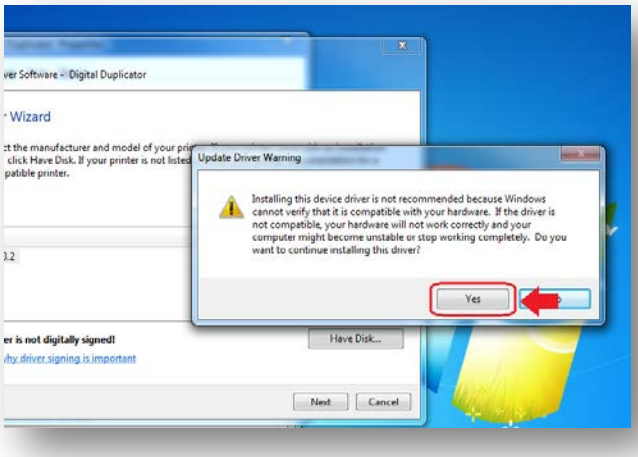
25. [Install from Disk] menu will be displayed, please click [OK] option.



26. Click [Next (N)].

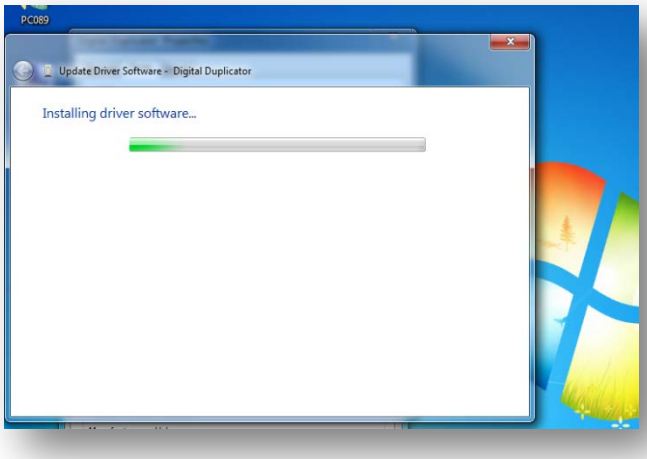


27. Program installation related reminding menu will be displayed, inquire [Whether to continue installation], click [Yes (Y)] option.

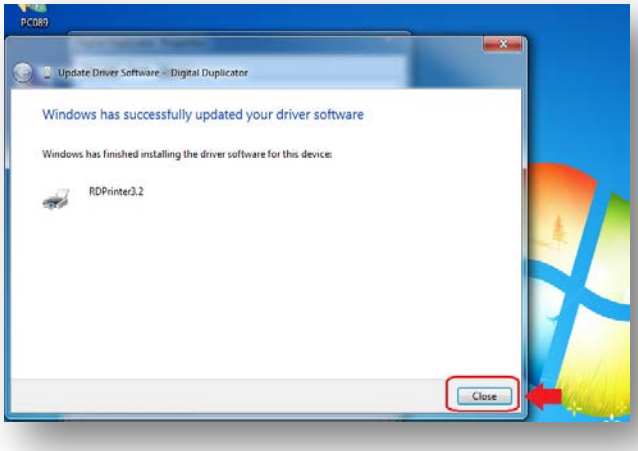


・There may be show hints and confirmation menu for many times. Please continuously click[Yes (Y)] option.

28. Digital duplicator driver starts installation, please wait for a moment.



29. When [Installation completion] information is displayed, click [Close (C)] to complete installation.

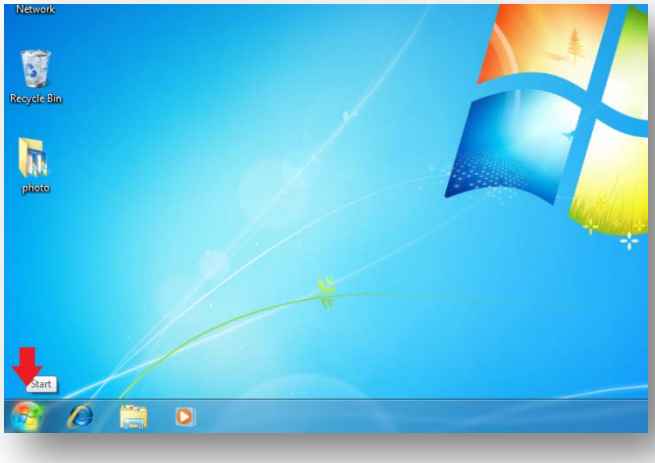


30. By clicking upper right [Close] button, the picture will disappear.

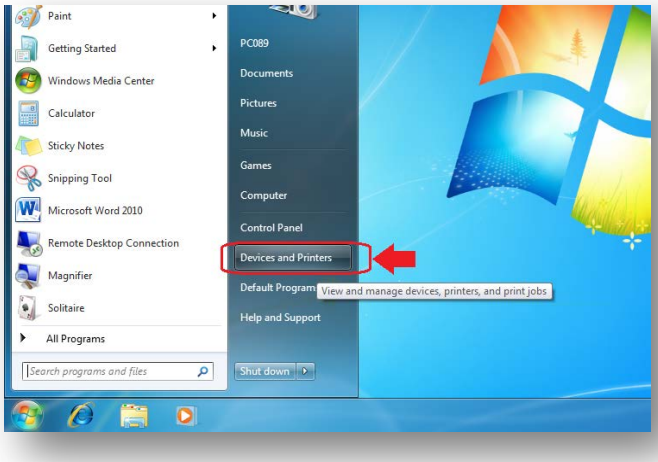
Initial setting of digital duplicator driver

After computer is connected with digital duplicator, confirmation and change of initial setting is necessary for initial printing and U flash disk printing.

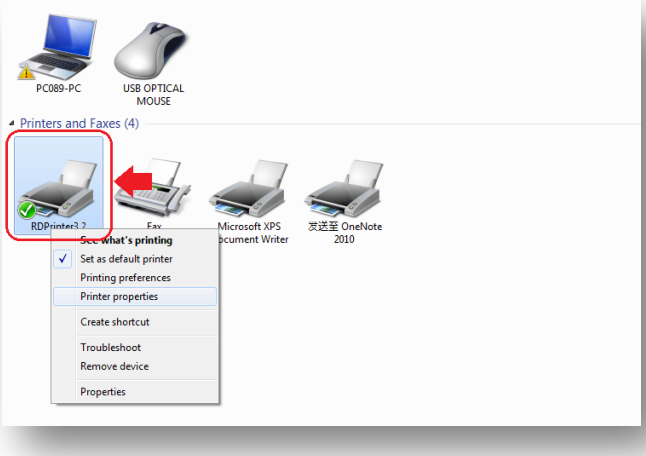
1. Click the lower left [Start] button on desktop.



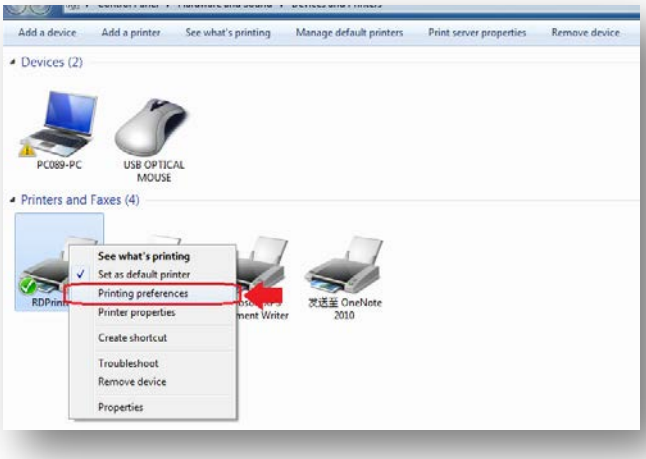
2. Click [Devices and printers].



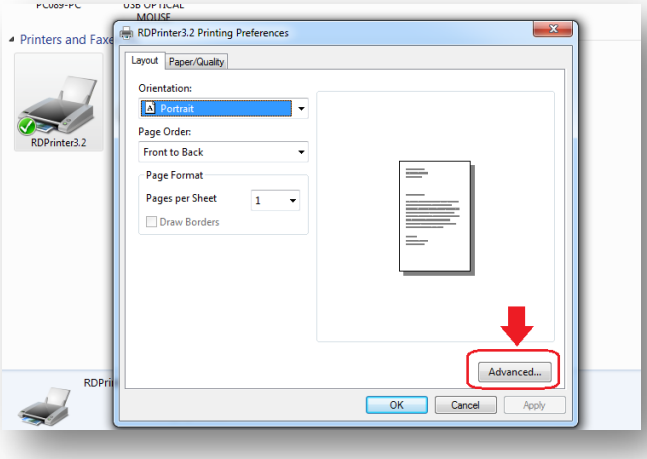
3. All printers connected with computer will be displayed. Right click [RDPrinter3.2].



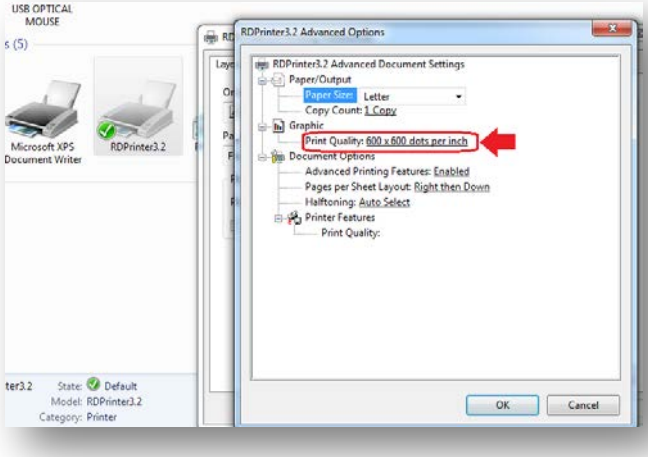
4. Click [Printing preference (G)] option.



5. Click [Advance].

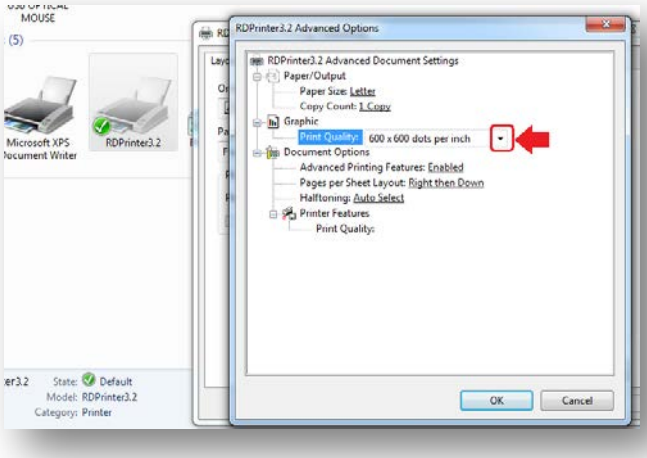


6. Click printing quality [600 × 600 dots per inch].

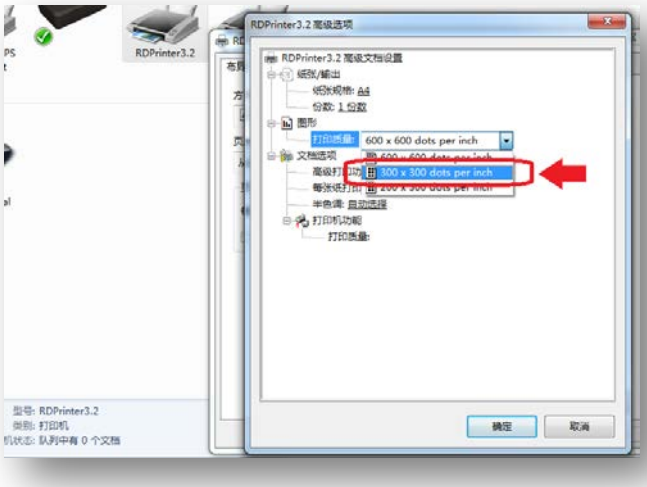


・If display contents are [300 ×300…], directly go to Step 9 on page 104.

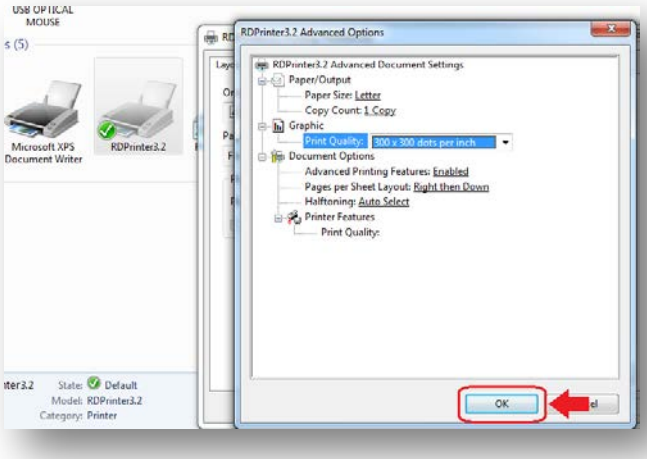
7. Click the right [▼] button of [600×600…].



8. 3 items will be displayed. Click [300 × 300 dots per inch].



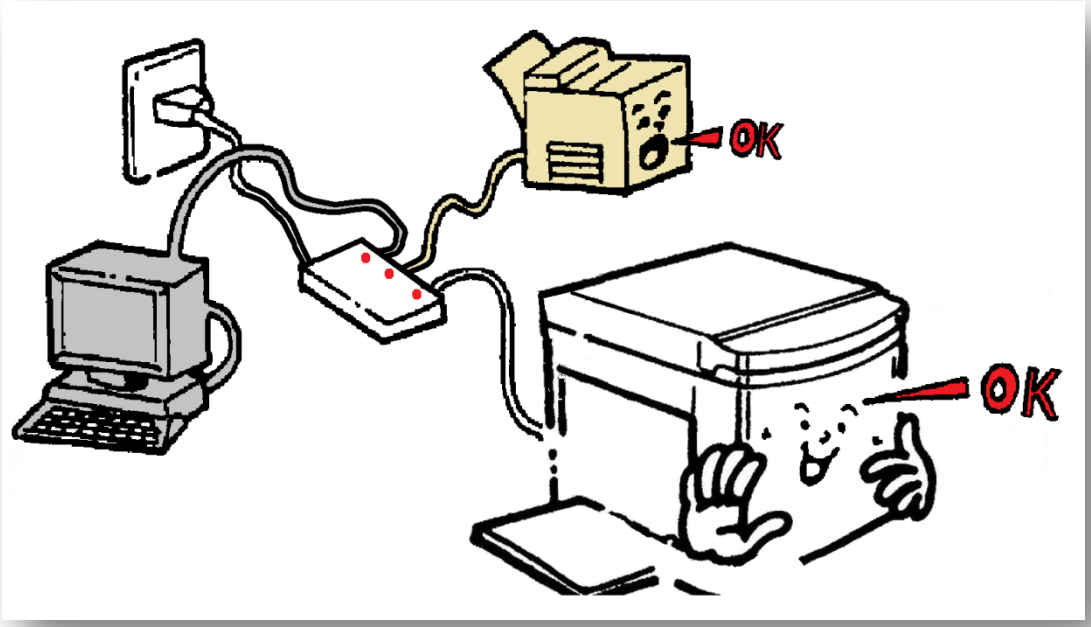
9. Click [OK].



10. Click upper right [Close] button, and close the window that has been set.

Network printing function

※ Standard for JR-7370S/6370S
Optional for JR-7360S/6360S.



Digital duplicator should be connected with network in network covered zone, so that all people in network zone can use the digital duplicator. But before using LAN printing function, each user should install the digital duplicator driver on computer. In add, the administrator need confirm the IP address of the digital duplicator.

Confirm IP address

After connecting to the network, you must set [IP Address] for digital duplicator. If 'home' of digital duplicator is confirmed, inquire the data in setting in the future. Please obtain [IP address] from the network administrator in advance.

When the network is connected, the new program needs to enter the shared print server [IP address]. This "IP address" is the address of our daily life, the IP address will be automatically connected when the machine and network connected.
On the IP address settings, there will be two settings, ① Automatic setting when connect to network ② Set freely. This installation will prevent the error operation.

Firstly please confirm the available IP address in LAN with administration.
The available IP set in advance in this duplicator is [192． 168． 1． 120] or [192． 168． 1． 130]. It will happen net faulty if there is IP address conflict. So please confirm the IP address you will use is available or not with your IT.

The IP we used in this duplicator is [192． 168． 1． 130].

1. Connect digital duplicator and switch with network cable.

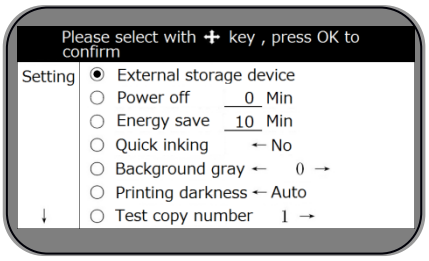


2. Open the power switch of digital duplicator.

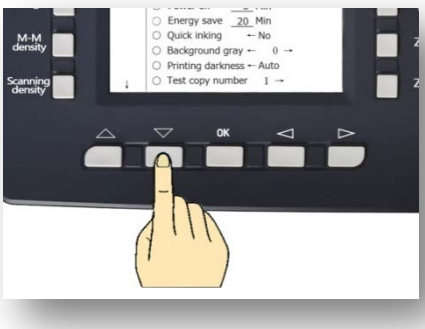


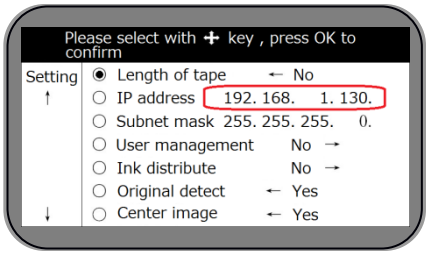
3. Press [Setting] key in numeric keys to enter setting picture..



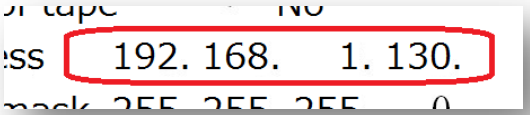


4. Use [Cursor moving button【 ▽】] to enter the second page.





5. Record IP address (Used later)



・ IP address in the example is [192.168.1.130].
(Symbol . should be also input)

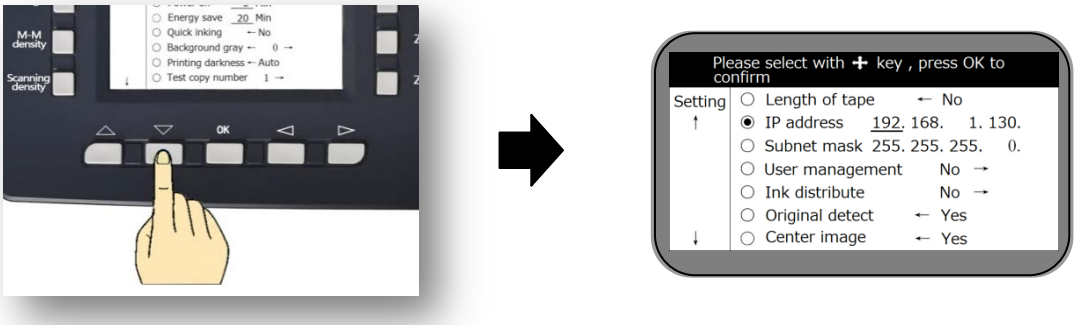
IP address will be different as per the network. Please obtain workable IP address from IT administrator in advance.

Tips:

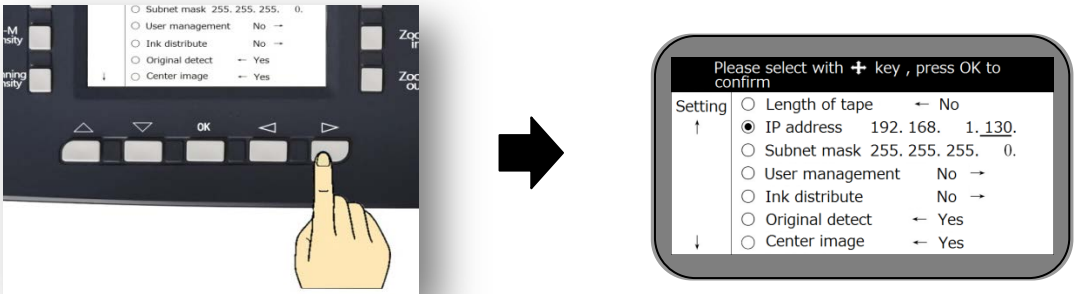
In case IP address is the same as［ 192. 168. 1. 130］ or［ 120］,it needs change IP address. At this time, please check with administrator to change or reset the IP address. If no need change, please go to item 7 directly.

6. The IP address of the machine is changed.

- ⅰ. Use [Cursor moving button【 ▽】] to enter the second page and second line [IP address].



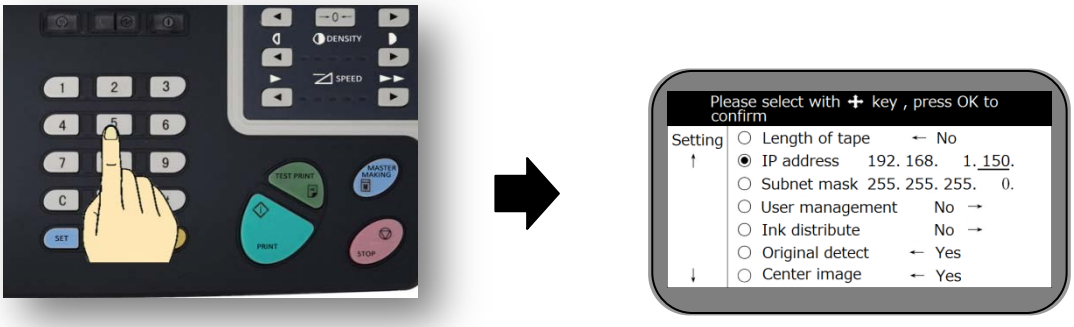
-ii. Use [Cursor moving button【 ▷】] to make the underline moved to cond



Tips,

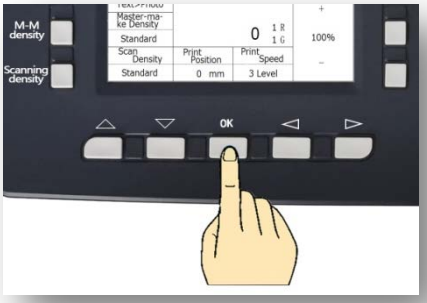
[192make the underline moved to cond line [IP address].. If no need

-iii. Use numeric key to input the available IP address that confirmed.



- Input [150] here

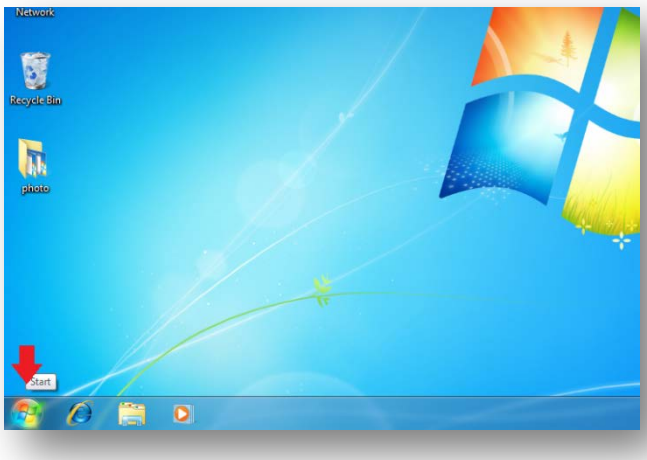
7. Press [OK] to confirm and then go back to the basic interface.



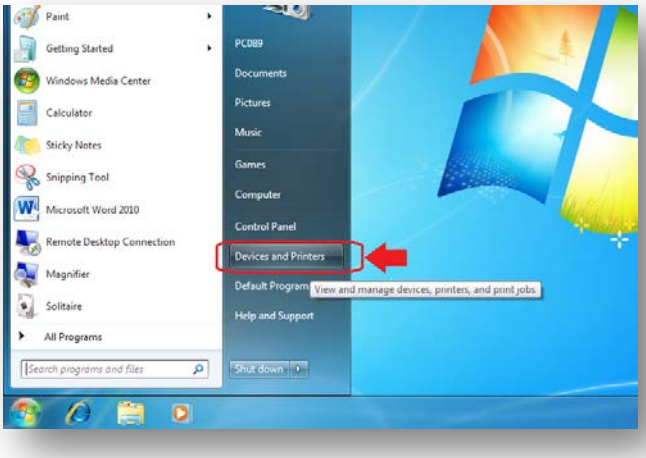
Network connections of computer

Network covered computer should be connected with network first.

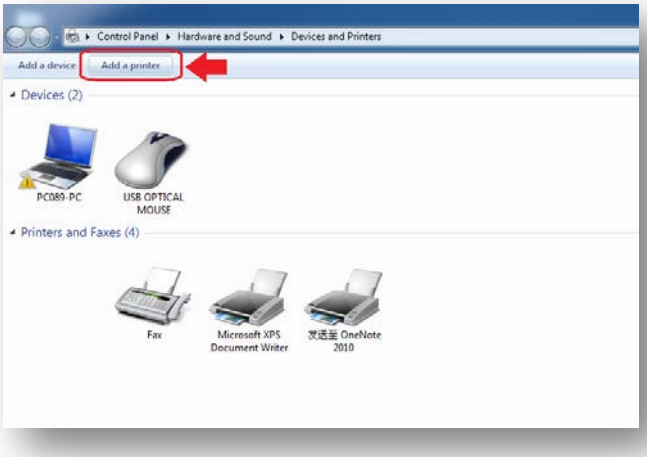
1. Click the lower left [Start] button on desktop.



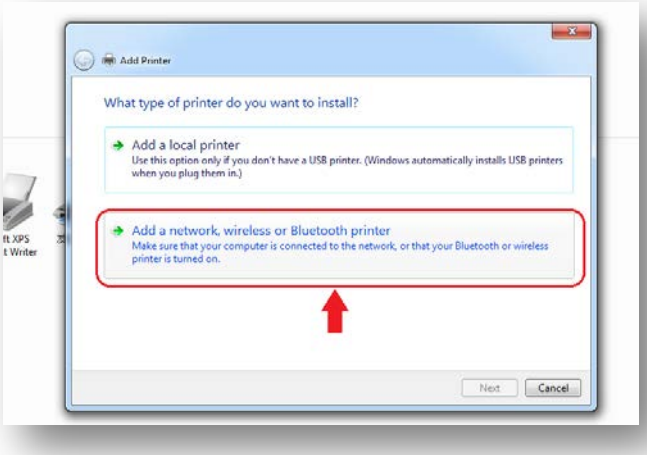
2. Click [Devices and printers].



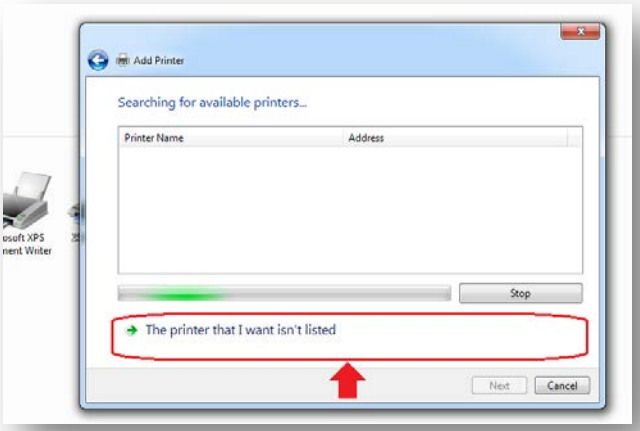
3. Click [Add printer].



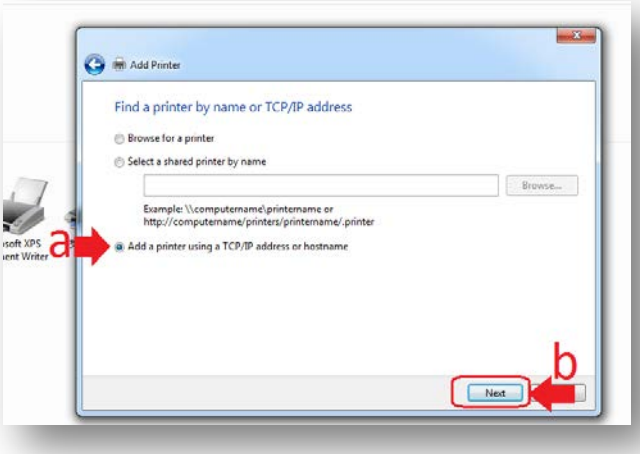
4. Click [Add a network, wireless or Bluetooth printer].



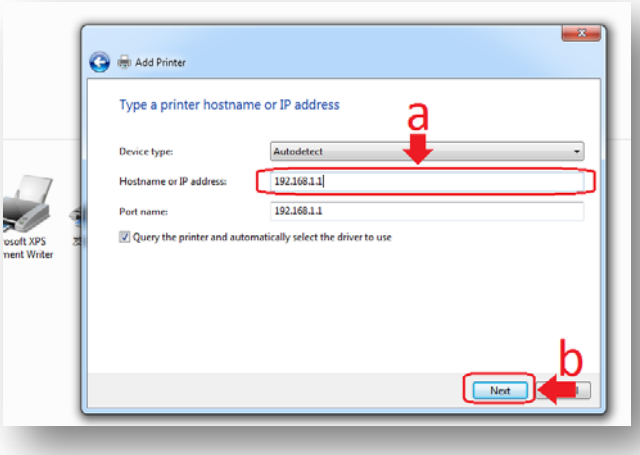
5. Click [The printer that I want isn't listed].



6. After clicking -a) [Add a printer using a TCP/ IP address or host name], click -b) [Next step (N)].

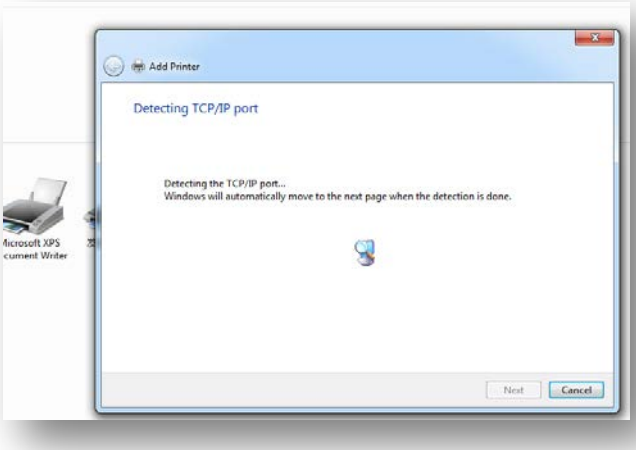


7. Input the confirmed, a) Input [IP address], click -b) [Next step (N)].



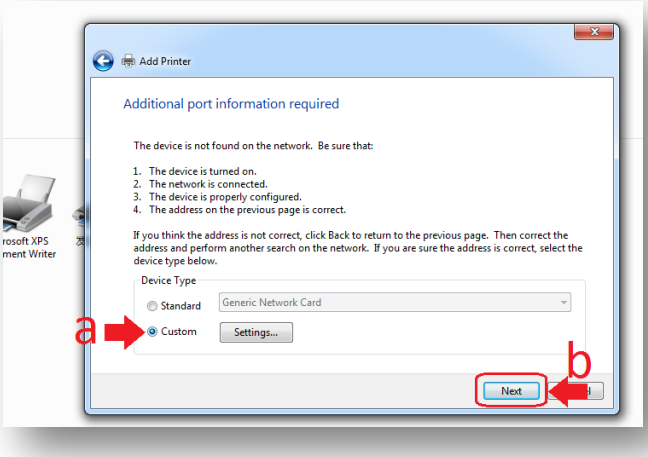
IP Address should be rightly input in half-angle state, including [.] (e.g.. after inputting 192 .168 . 1 .130, the port name (P) will automatically displayed.)

8. Detecting[TC/IP port] automatically.

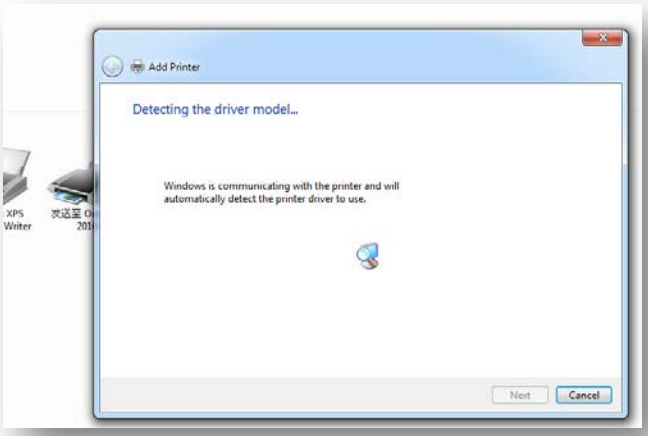


According to service environment, detection could take some time, please wait in patient.

9. [Additional port information required] will be displayed, and after clicking -a) [Custom (C)], click -b) [Next step (N)].

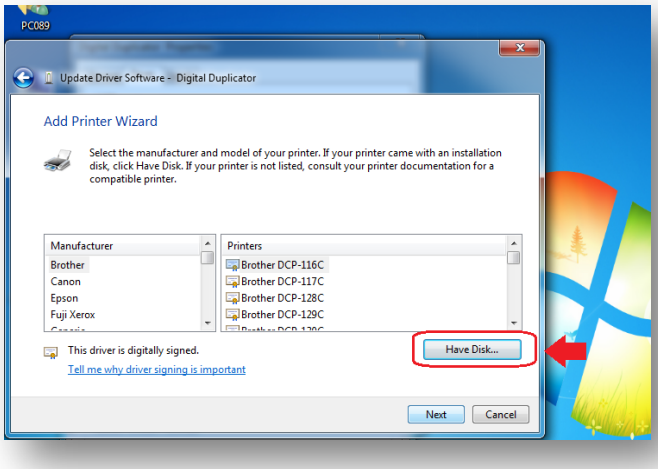


10. [Detecting the driver model…] will be displayed.



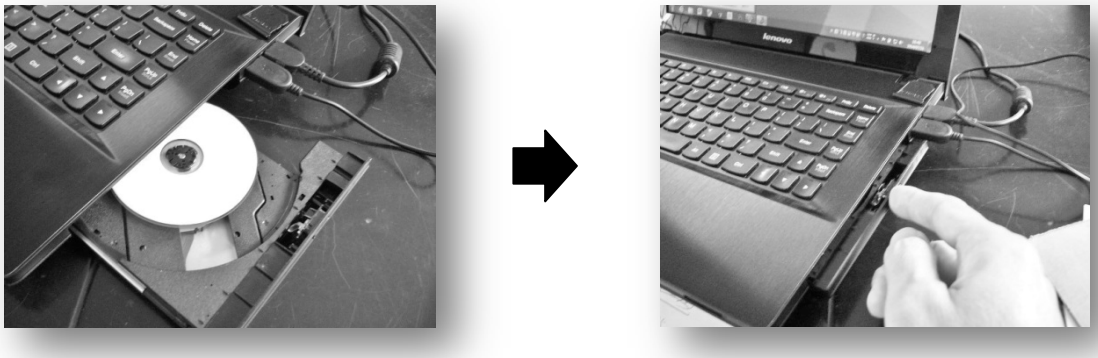
According to service environment, detection could take some time, please wait in patient.

11. After [Printer installation driver] is displayed, click [Disk installation (H)].



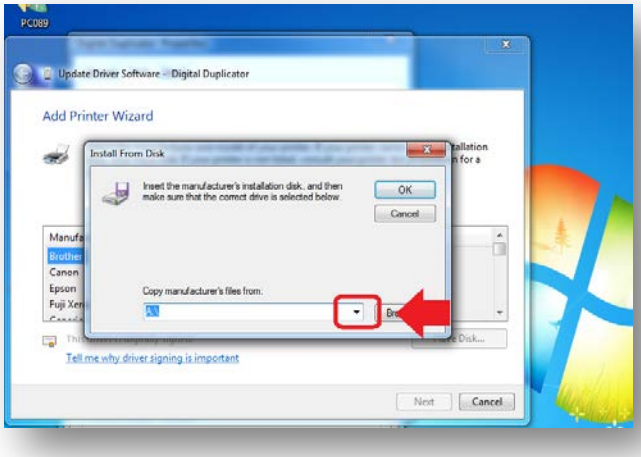
・Printer is still searching for other installed drivers and takes some time, but it still can choose the item Disk installation (H) .

12. Install CD attached in computer driver.

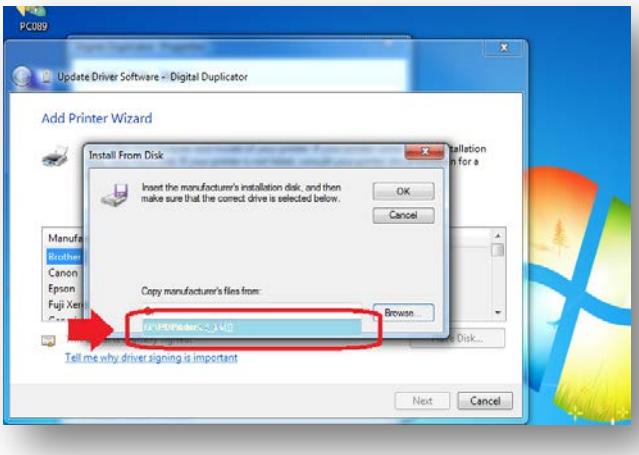


・Operation method should be actually confirmed through computer.

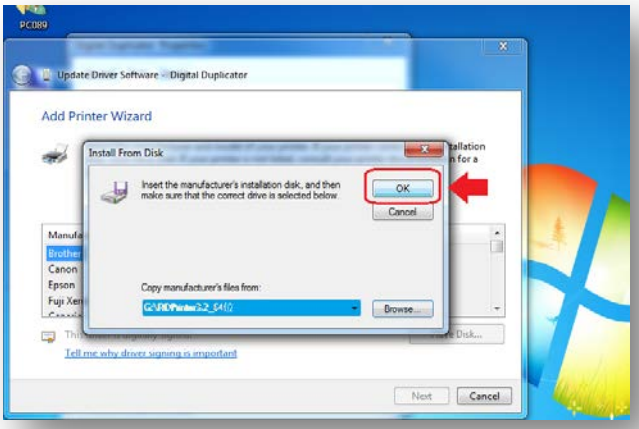
13. Click right side[▼] of [installation position (C)].



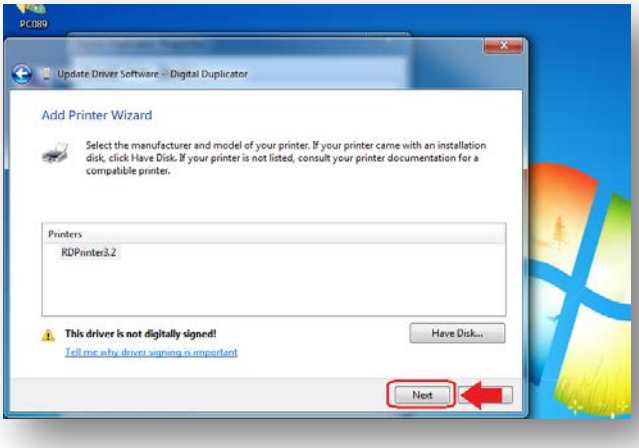
14. Click the installed [RDPrinter3.2] in CD by step [12].



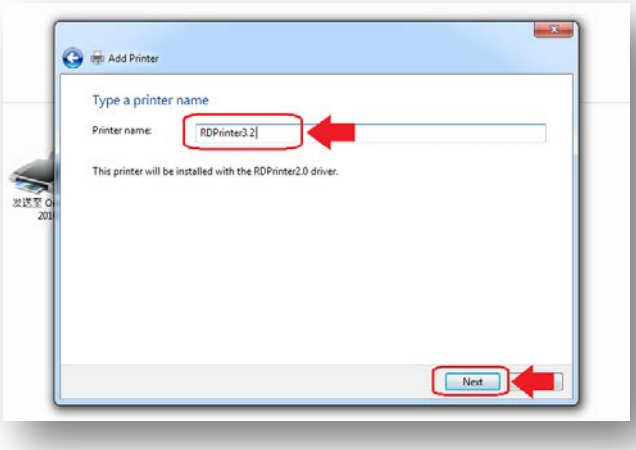
15. Click【OK】.



16. Click [Next (N)].

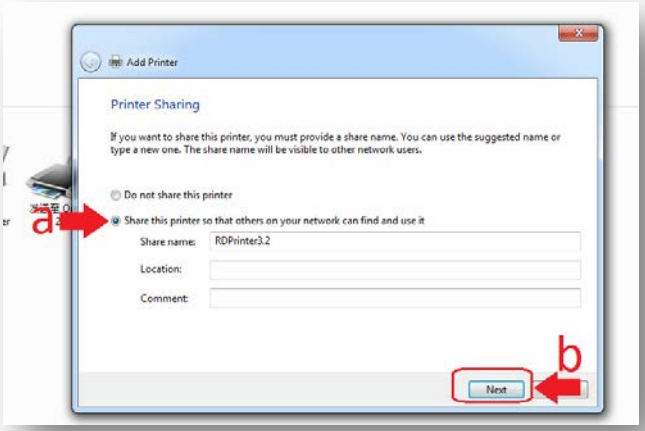


17. Display the printer name.If okay, then click [Next (N)] directly.

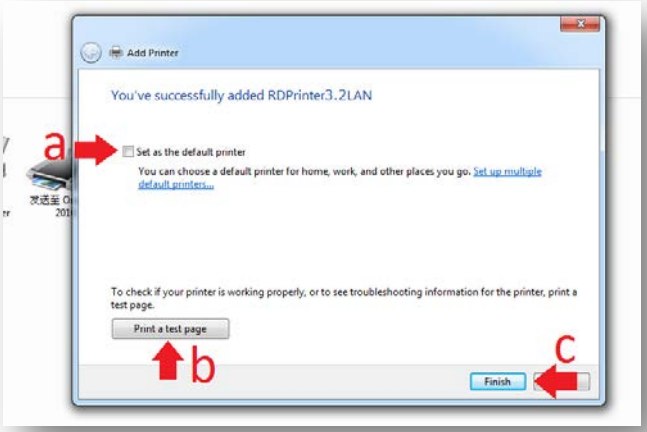


Click [Next (N)],there might display some warnings on installation.Just neglect and choose [Start] to start.

18. Click [Printer sharing]. Click [Do not share the printer (O)] when there is only one user.click [Share the printer so that others on your network can find and use it]. -b) click [Next (N)]



19. If not set the duplicator as default printer , -a） Clear the tick before [Set the default printer] -c） Click [Finish］ to finalize the setting.



-b) clicknPrint a test page］， licknPrint a test rough LAN connection.

LAN / USB online printing

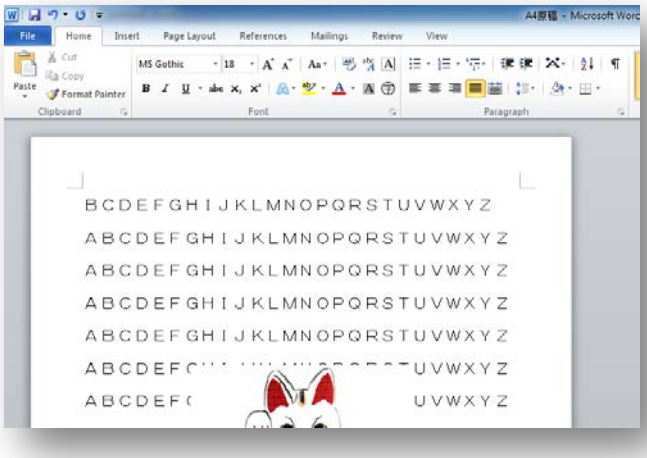
LAN online printing, AN online printingrough LAN connection.printer] -, click [function.

In a network environment, use the [Online or USB online printing] function to send data directly to the duplicator for printing. You can also use the USB cable to connect the computer and the machine.

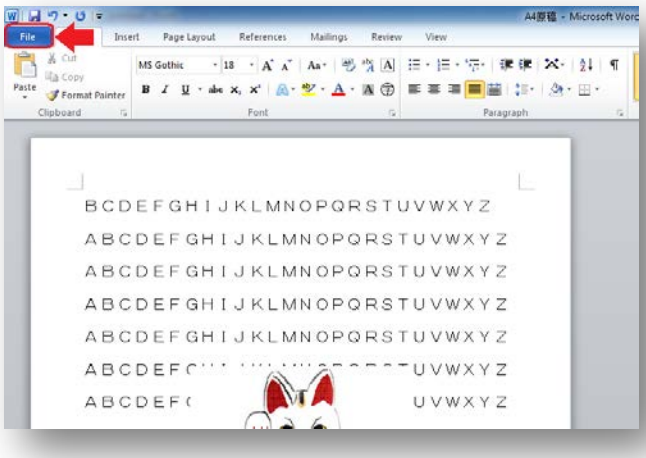




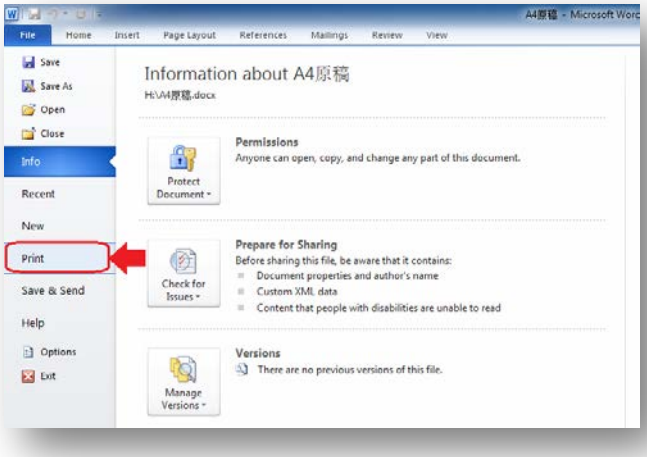
1. Open files to be printed.



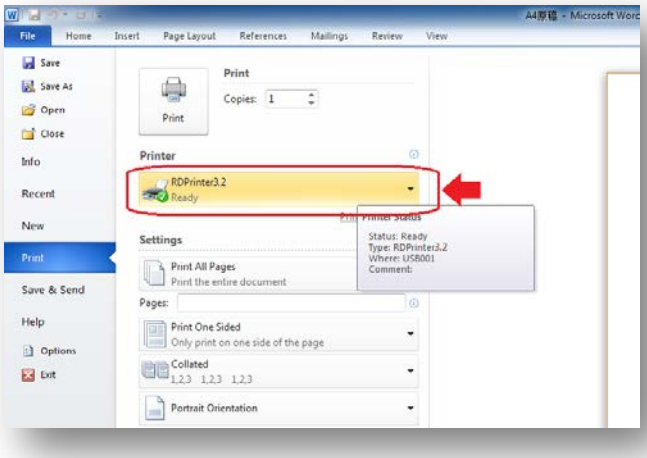
2. Click the upper left [File] option of opened files.



3. Click [Print].

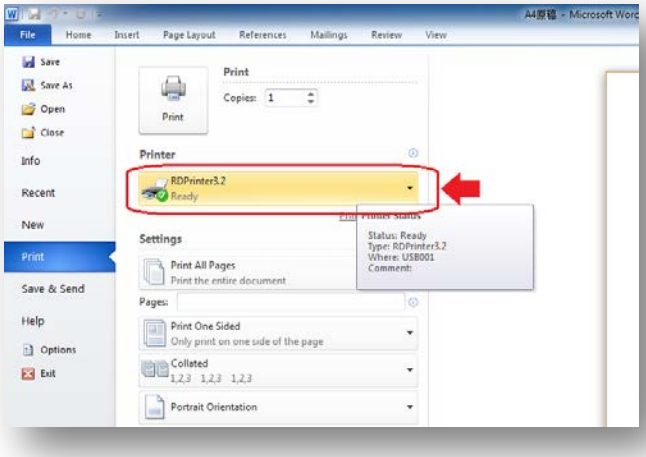


4. Click [Printer] displayed under [Printer types]. (All printers connected on computer will be displayed)

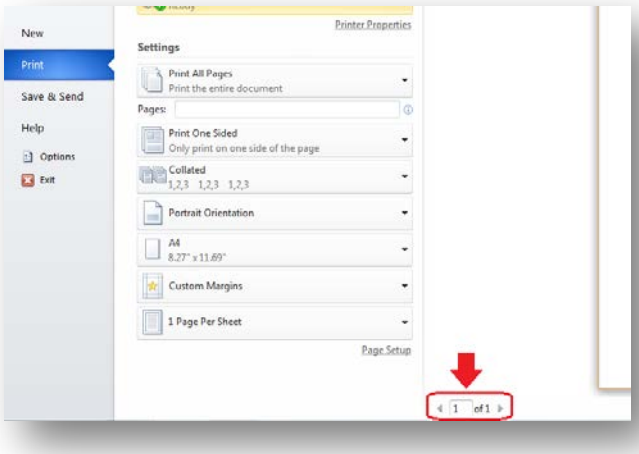


・It will display the related information when installing the driver if set the duplicator as default printer.

5. Click [RDPrintor 3.2]。

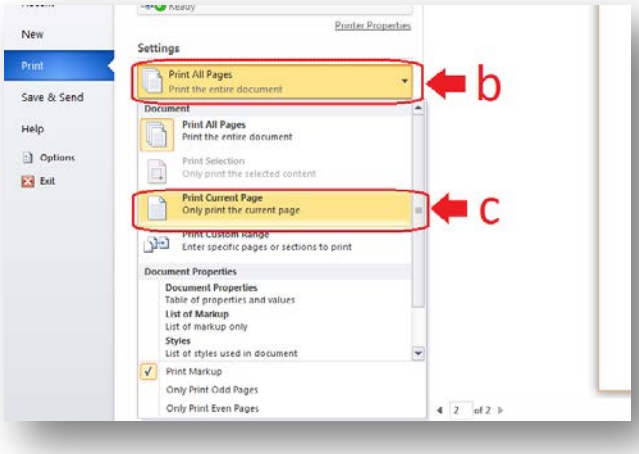


6. The process will be different when printing single or multi- pages. The duplicator cannot print multi-pages. Identify the page numbers of manuscript; please refer to the content indicated by the arrows in the figure below.

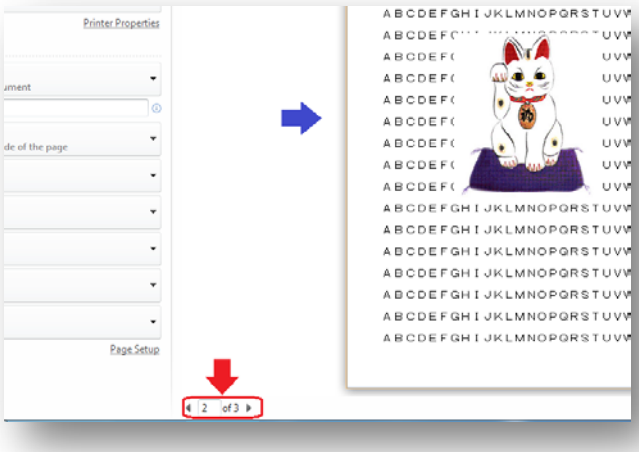


a) If single printing, go with the [7] item.

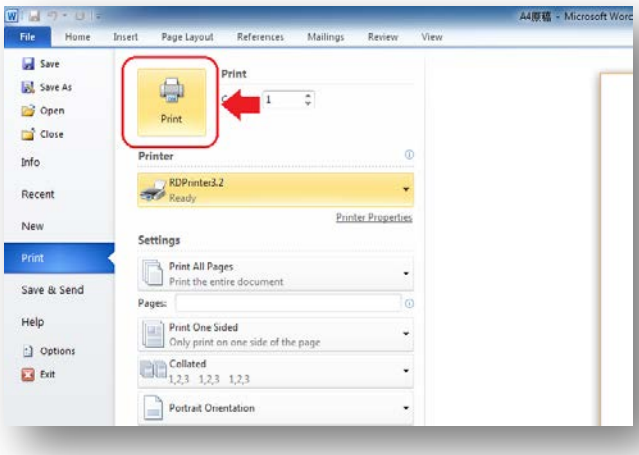
b) For multi-pages, click [Print all pages] 、 -c) click [Print current page].



d) When it is necessary for the specific page,use the key (a) to choose under the down right.



7. Click [Print].



8. The printer starts automatically (sorting → master-making→ printing) according to the received signal.

U flash disk printing

JR-7370S/6370S is a standard function

JR-7360S/6360S is an optional function.



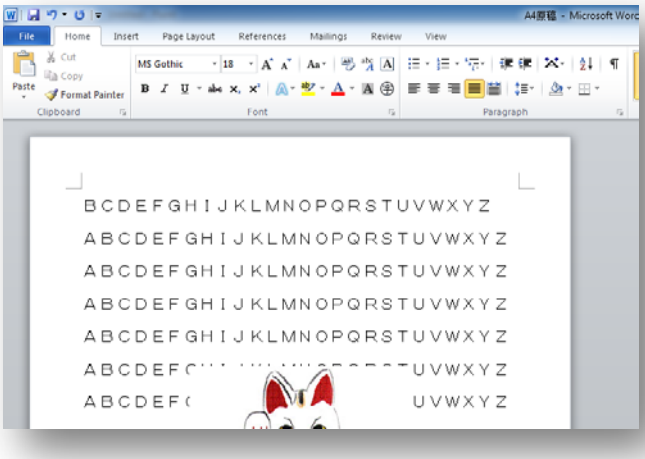
Data in U flash disk will be directly printed by U flash disk.

Needed printing data needs to use the installed duplicator driver into the machine required format, and then save in U disk.

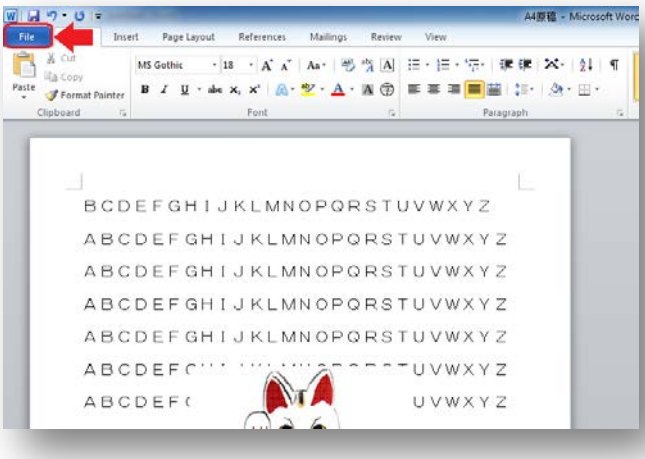
Data conversion and storage

1. Insert U flash disk in computer equipped with digital duplicator driver.

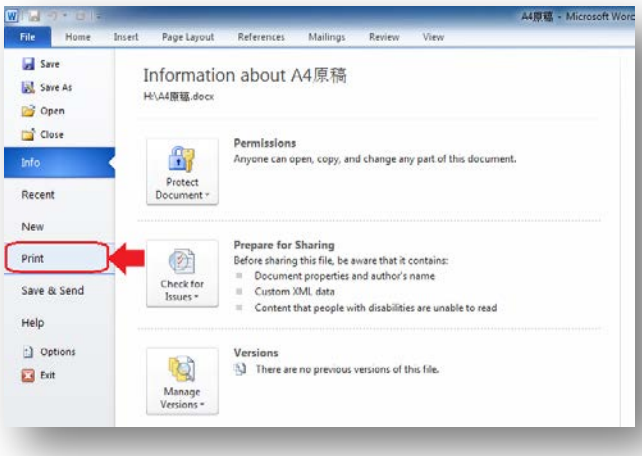
2. Open files to be printed.



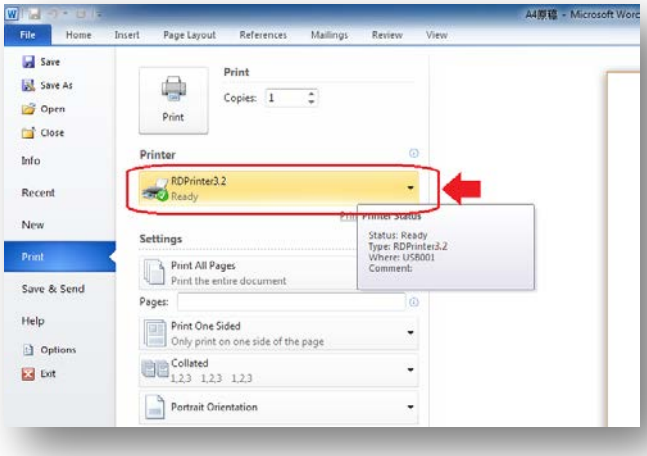
3. Click the upper left [File] option on the opened file.



4. Click [Print].

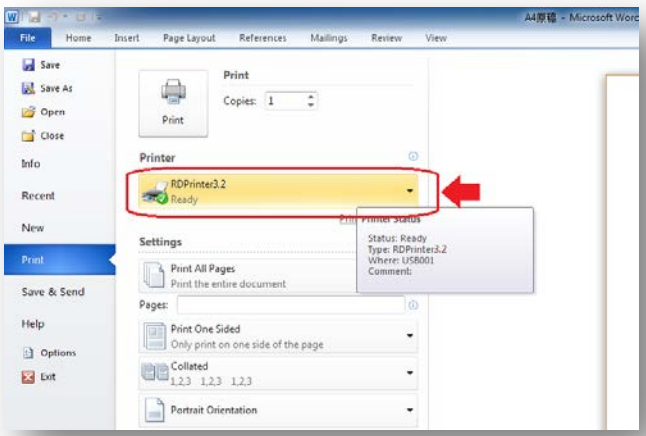


5. Click [Printer type] displayed under [Printer].
(All printers connected on computer will be displayed)

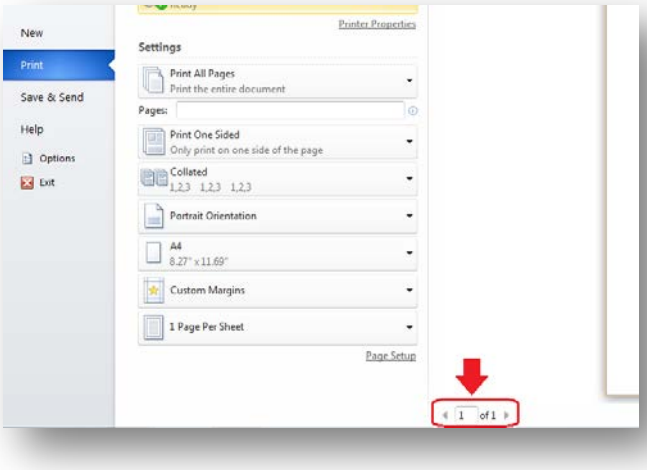


- It will display the related information when installing the driver if set the duplicator as default printer.

6. Click [RDPrintor 3.2].

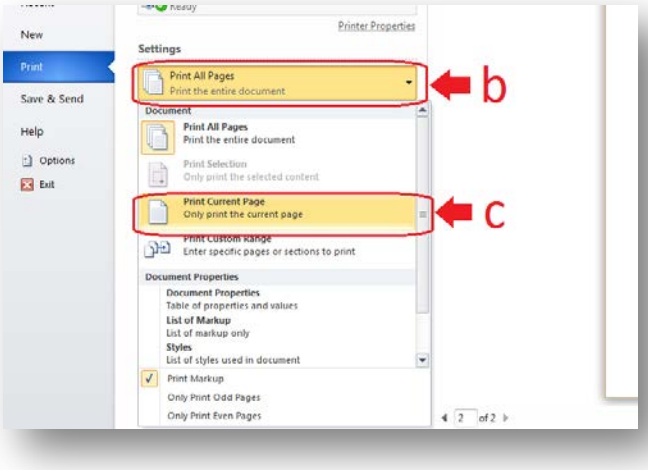


7. Printed data, according to the singular or complex number, the operation method is not the same, if the complex print data, can not be continuous printing. Press the arrow in the figure to judge singular or complex.

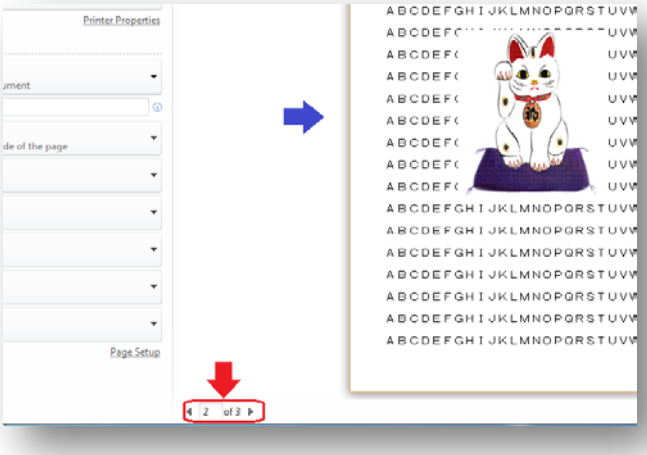


-a) Printing the singular numbers, please press [8] item to continue.

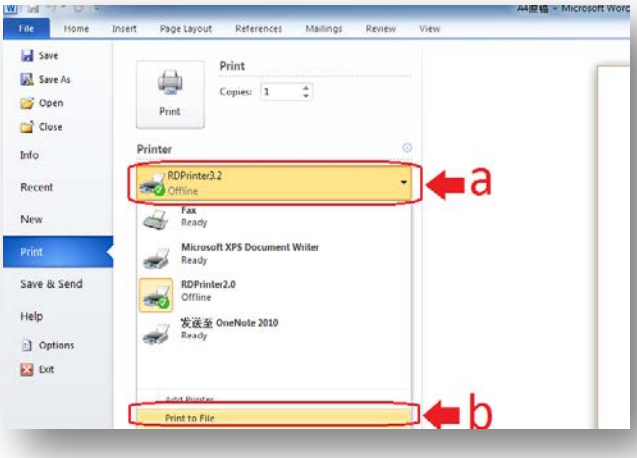
-b) For multi-pages, click [Print all pages] 、 -c) click [Print current page].



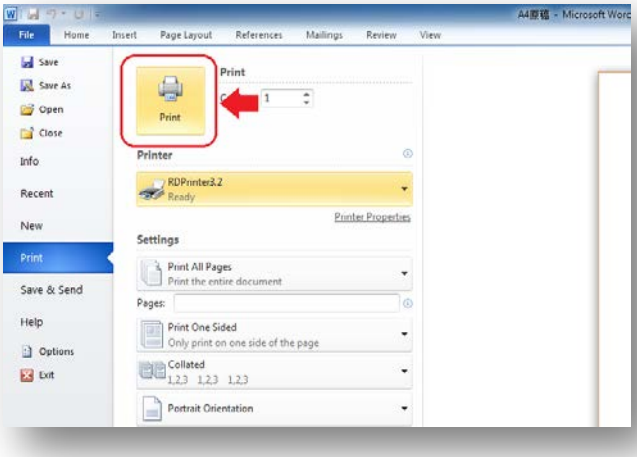
-d) Choose the printing page numbers of original, then the content to print displaying on the right



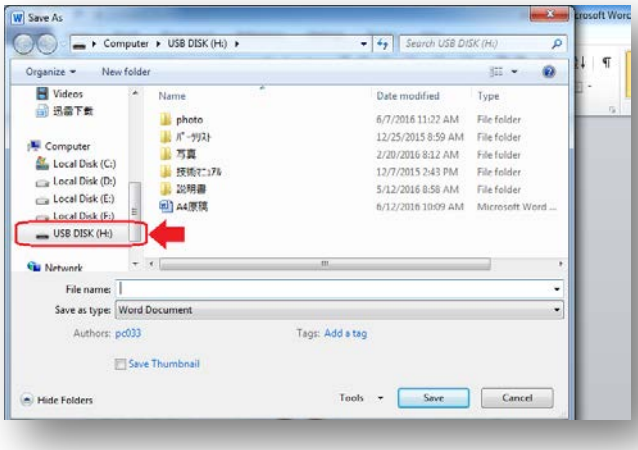
8. And click [Printed], then click [Print to file].



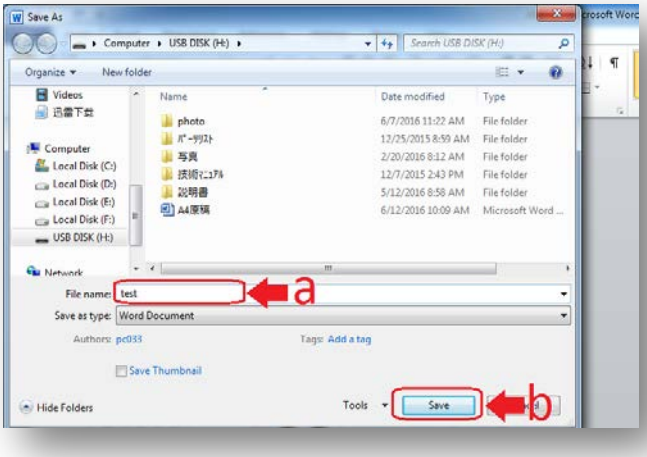
9. Click [Print].



10. Click to save the U flash with data.



11. a) Input the file name； b) click [OK]。



File name requirements: [Half-width English letters / numbers]. The digital duplicator can display 8 digits at most. If the former 8 digits are the same, it is difficult to distinguish them， and therefore, please input an easy-recognized name.

Half-width English letters more than 8 characters, it may not display the text properly, please use the data. Be sure to enter [.prn] (. P r n) after entered name.

Even with a small text input, the display can also be converted to large text

In the USB with data, the suffix format (.pdf, .doc, .xlsx, etc.) can be converted into a professional suffix format (.prn) to use.

Tips:

In case, the data is damaged, please back up in advance.

Printing method of data in U flash disk

1. Power on the digital duplicator.



・If there is fault information, please solve the fault first.

2. Insert the U flash disk saved with printing data in the digital duplicator.



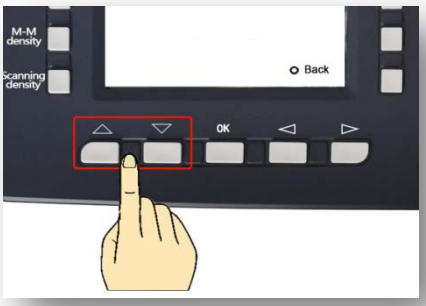
Cheak All parts name and functions (Page 26)

3. U disk data will be displayed.

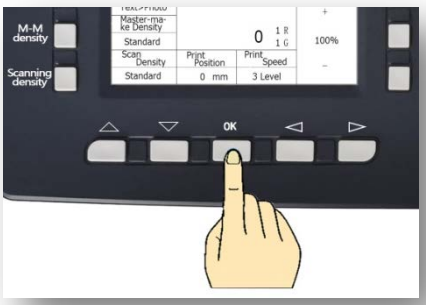


・The text entered in advance will be all showed in large text.

4. Color of selected file will change. Scroll down and select by【▽】 and【△】 keys.



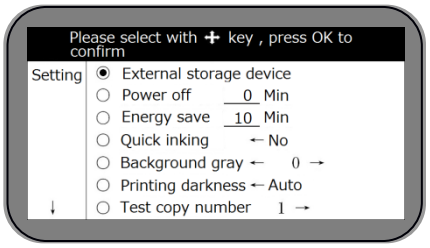
5. Press [OK] to start master making.



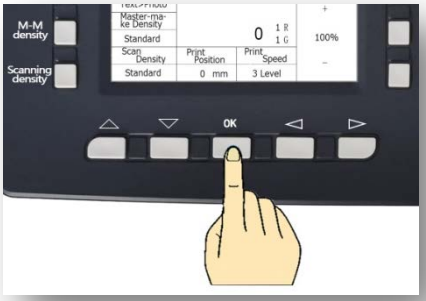
Display screen has no display after inserting U flash disk

1.Press [Setting] key in numeric section to enter setting picture.





2. Press [OK]



In order to prevent data loss, please note that the data in the U disk backup.

It may lead the printing failures due to computer reasons, improper operation under the data set /save status.

Common faults

Some faults will be illustrated as examples.

When machine is failed or in bad condition, deal with according to the following contents.

- Power supply can not be connected 127
- There is white line in the top-bottom direction (longitudinal direction of printing paper 127
- Incomplete printing 127
- Splotch on the front end of printing paper 127
- Overall background color of printing paper is darker 128
- Fuzzy printing 128
- Incomplete printing on two ends of printing paper (left and right) 129
- Totally no printing words 129
- Printing splotch 129
- Lighter printing words 130
- Darker printing words 130
- Contents on rear printing ends run over 131
- Frequent paper delivery jam 132
- Frequent paper discharge jam fault 132
- Frequent faults of paper winded on drum 133
- Scratches on front ends of printing paper 134
- Frequent display of master unloading faults 134
- Frequent master loading fault 135

Common faults in computer data printing

- When [Offline] is displayed 135
- Unsuccessful network connection 135
- Unsuccessful USB power cord connection and printing 135
- Deviation of printing result and actual data 135
- File name in U flash disk can not be displayed on digital duplicator 135

Troubleshooting guide

- Left paper jam 136
- Middle paper jam 137
- Right paper jam 138
- Master unloading faults 139

If faults conditions can not be improved or occur frequently, please contact agents and after sales department as quick as possible.

Power supply can not be connected



- Whether power cord is connected or not?
- Whether power plug is plugged in socket or not?
- Whether socket is powered on or not?

Cheak Power cord installation method (Page 33)

There is white line in the top-bottom direction (Longitudinal direction)



- Whether the thermal head has dirt or not?

  Please contact with Maintenance Department.

Incomplete printing (The item is not recorded if printing is not uniform)

- Whether glass scanning table (Originals) has dirt or not?



Cheak Originals placement method (Page 38)

- Is there any unusual dirty matter on the drum?

  Please confirm the surface condition of the drum. If there are foreign matters between master paper and drum, please take down master paper attached on drum.

Cheak Take down master paper on the surface of drum manually (Page 139)

Splotch on the front end of printing paper

- Whether glass scanning table (Originals) and original cover plate have splotch or not?



Cheak Placement method of originals (Page 38)

- Whether to print paper in big quantity or not?

  Master paper is very thinner. Master paper will be damaged if it is continuously and largely printed. Please make master during printing.

- Whether printing position is adjusted to left and right excessively or not?

Cheak Adjustment of printing position/adjustment of left and right positions (Page 48)

Overall background color of printing paper is darker

- Whether originals are recycled paper and newspaper or not?



Cheak Remove background color (Page 57)
Change original mode (Page 59)

- Whether setting changes or not?

Cheak Remove background color (Page 57)

- Whether temperature in service temperature is lower or not?

If outer temperature is lower, the lamp for light source is weaker, and then printing contents will be darker integrally.

Cheak On service environment (Page 17)

Fuzzy printing

- The machine is not used for long term.

If the machine is not used for long term, the drum surface may be with ink. If the machine is continuously used for printing, everything will gradually return to normal.

- Whether ink placed for longer time is used or not?

If ink is placed for longer time, ink components will be separated to influence printing quality.



Cheak Notices for use of ink (Page 79)

- Whether setting is wrong or not?

Inconsistency of setting mode and originals will influence printing quality.

Cheak Printing concentration adjustment (Page 52)

- Whether paper has quality problems or not?

Recycled paper, coarse paper and glossy paper will leak ink.

Cheak On printing paper (Page 18)

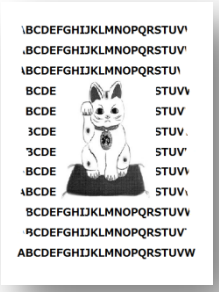
- Whether printing paper has more powder or not?

During printing process, if paper powder is on the surface of master paper, this phenomenon will be caused, please make new master.

Incomplete printing on two ends of printing paper (left and right)

- Whether master paper or printing paper is rolled on pressure roller (under the drum) or not?

Pressure roller is below the drum. Please take down the drum for confirmation.



Cheak (☛) Method of taking out and mounting drum (Page 87)
Method of cleaning (Page 141)

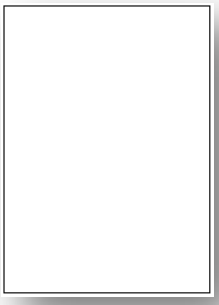
- Whether the machine and drum are not used for long term or not?

If they are not used for long term, ink on drum is dry, and new ink can not be supplied easily.

Totally no printing words

- Whether printing paper is on drum surface or not?

Please confirm the surface condition of drum. If there are unusual dirty matters between drum and master paper, please take down the master paper manually



Cheak (☛) Method to take down master paper on drum surface manually (Page 139)

- Whether the installation method of master paper is right or not?

Wrong installation direction of master paper and wrong position of master paper release lever will lead to abnormal printing.

Cheak (☛) Installation method of master paper (Page 80)

Uneven printing

- Whether machine and drum are not used for long term or not?

If machine is not used for long term, ink on drum is dry, and new ink can not be supplied easily. If the machine is continuously used for printing, everything will gradually return to normal.



- Whether many originals are printed and printing number of sheets is fewer or not?

In case of directly printing after master making, uneven printing phenomenon will occur, please proof printing for many times till printing is normal.

- Whether master paper or printing paper is rolled on pressure roller (under drum) or not?

There is pressure roller below the drum. Please take down the drum for confirmation.

Cheak (☛) Method of taking out and mounting drum (Page 87) Method of cleaning (Page 141)

Lighter printing words

- Whether the machine is used in lower environment or not?

  If temperature is lower, ink will be influenced by temperature, as a result, printing words will be lighter. Please control printing pressure, and select darker master making mode for master making again.



Cheak (☛) Printing concentration adjustment (Page 52)
Printing pressure adjustment (Page 54)

If temperature is lower, even if darker master making mode is selected, maybe printing effect is also not ideal.

- Whether master making mode is selected properly or not?

  If picture or text/picture mode is selected, printing effect is lighter than actual originals.

Cheak (☛) Change of original mode (Page 59)

- Whether ink saving mode is used or not?

  Please control to standard mode and make new master

Cheak (☛) On ink-saving mode (Page 72)

- Whether machine and drum are not used for long term or not?

  If the machine is not used for long term, ink on drum is dry, and new ink can not be supplied. If the machine is continuously used for printing, everything will gradually return to normal.

Darker printing effect

- Whether the machine is used in higher temperature or not?

  If temperature is higher, ink will be influenced by temperature, printing words will be darker. Please control printing pressure, and select lighter master making mode for master making again



Cheak (☛) Printing concentration adjustment (Page 52)
Printing pressure adjustment (Page 54)

If temperature is lower, even if lighter master making mode is selected, maybe printing effect is also not ideal.

- Whether proper master making mode is selected or not?

  If text mode is selected for master making, printing effect will be darker than actual originals.

Cheak (☛) Change of original mode (Page 59)

・ Whether machine stops running because printing paper is rolled on drum or not?

If printing paper is rolled on drum, ink will leak easily. Please confirm proof printing effect. If proof printing effect is bad, please make new master.

Cheak On originals (Page 17)
On page margin (Page 19)
Printing position adjustment (Page 47)
Printing concentration adjustment (Page 52)
Picture originals and color originals (Page 59)
Original zooming (Page 61)

・ If ink placed for longer term is used or not?

If ink is placed for longer term, oil in ink will seep in printing paper to cause darker printing effect. Please pay attention to the retention period and inventory of ink.

Contents on rear printing ends run over

・ Whether originals used are larger or not?

If rear end contents of printing paper are more, paper discharge will be influenced or unfavorable printing will be caused. Before printing, please adjust in some extent, zoom out originals / forwards adjust printing position/speed up/control height of paper platform.



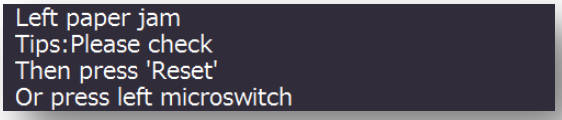
Cheak On originals (Page 17)
On page margin (Page 19)
Paper platform (Page 37)
Printing position adjustment (Page 47)
Printing speed adjustment (Page 50)
Original zooming (Page 61)

・ Whether special paper is used or not?

If color paper (Art paper / Glossy paper) is used, ink will be dry, and unfavorable printing will appear.

Cheak On printing paper (Page 18)

Frequent paper delivery jam



- Whether paper delivery pressure / paper separating pressure is appropriate or not?

Cheak Setting of paper delivery pressure / Paper separating pressure (Page 35～36)

- Whether to print on double sides or not?

Delivery of printed paper will be influenced by ink and static electricity. Please dry the paper printed on one side on flat place.

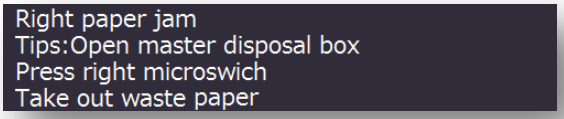
- Whether to use paper properly or not?

Paper with creases and bents should be placed on paper feeding table after manually treated. Particularly, place [Postcodes] after flattened.

- Whether rubber roller (Consumables) is worn out or not?

If the roller is worn out, please change it as early as possible.

Frequent paper discharge jam fault



- Whether to print on double sides or not?

Delivery of printed paper will be influenced by ink and static electricity. Please dry the paper printed on one side on flat place.

- Whether paper is used properly or not?

Paper with creases and bents should be placed on paper feeding table after manually treated. Particularly, place [Postcodes] after flattened.

- Whether the paper discharge side has stronger sunlight / direct sunlight or not?

Light sensor is installed on paper-out side. If sensor receives outer light, the machine will give incorrect operation.

- Whether printing paper (Foreign matters) is rolled on the pressure roller under drum or not?

Please take out the drum for confirmation.

Cheak Method of taking down and mounting drum (Page 87)

・ Whether the installation of paper platform is appropriate or not?

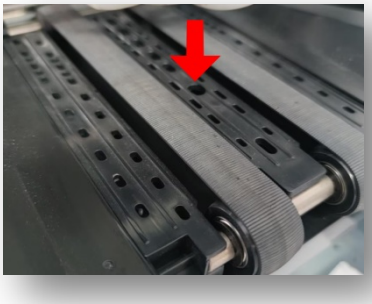
Whether the width of the positive baffle plate / guide plate of the paper platform is controlled appropriately or not, and delivered paper will knock the positive baffle plate / guide plate.

Cheak Installation method of paper platform (Page37)

・ Whether there is wind near paper platform or not?

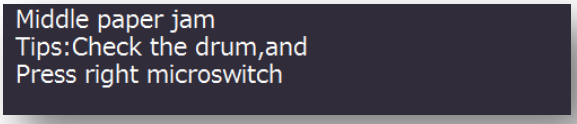
When paper is out at high speed, even if it is a little bit windy, paper jam prompts may be displayed.

・ Whether there is splotch on sensor or not?



After the waste box on the paper-out side is opened, paper jam sensor can be seen. Paper jam sensor is installed between the middle belt and the right belt of the three belts. The hole here is a little bigger than that on periphery.There is a sensor below the hole.
Please clean the sensor by soft cloth or tissue.

Frequent faults of paper winded on drum



・ Whether paper delivery pressure is appropriate or not?

Cheak Paper delivery pressure setting (Page 34)

・ Whether to print on two sides or not?

Delivery of printed paper will be influenced by ink and static electricity. Please dry the paper printed on one side on flat place.

・ Whether printing paper meets requirements or not?

Please do not use thinner and softer paper.

Cheak On printing paper (Page 18)

・ Whether there is page margin or not? (Whether original size is bigger or not?)

Please pay particular attention to page margin problems. When originals are bigger, please use the function of zooming out originals for master making. Since machine settings are different, printing contents may be forwards closed integrally, and front page margin will be narrower.

Cheak On originals (Page 17)
On page margin (Page 19)
Printing position adjustment (Page 47)
The original zooming (Page 61)

・ Whether originals have too many bold texts or not?

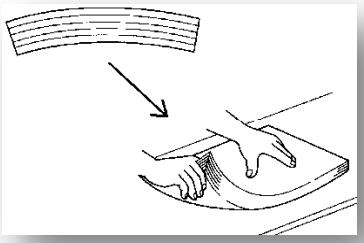
Even if there is enough page margin, if originals have more bold words or pictures, printing paper will be rolled on drum. Before such type of originals is printed, please reduce master making concentration first, and replace thick paper.

Cheak Printing concentration adjustment (Page 52)

Scratches on front ends of printing paper

・ Whether printing paper meets requirements or not?

Thicker paper and bad-sectioned paper will not meet requirements.



Cheak On printing paper (Page 19)

・ Whether printing paper is bent or not?

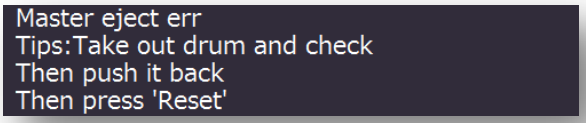
When paper is deformed and particularly when paper is downwards bent, the front ends of paper will have scratches, and therefore, please try to adjust it before placement.

・ Whether friction plate (consumables) is worn out or not?

If yes, please change as early as possible.

Frequent display of master unloading faults

(Masters have been successfully unloaded, the machine stops due to incorrect operation)



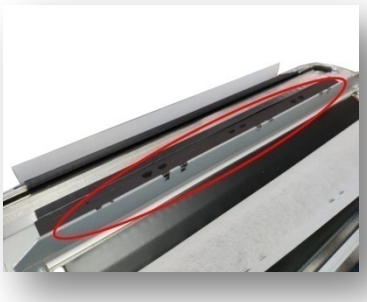
・ Whether machine and drum are not used for long term or not?

If the machine is not used for long term, master paper will be on drum by ink. Master can not be unloaded easily.

Cheak Take down master paper on the drum surface manually. (Page 139)

・ Whether brisket finger is with ink or stain or not?

If brisket finger is with stain, master unloading will be influenced or incorrect operation will be caused. Manually take down master paper on drum surface, and then clean the brisket finger.

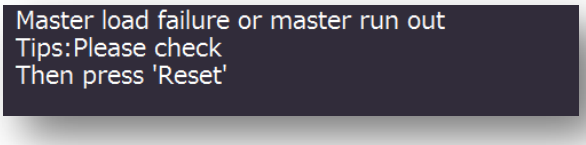


Cheak Take down master paper on drum surface (Page 139)

・ Whether master paper is clamped on waste box and waste box mounting part or not? Take down waste box, and confirm specific condition on waste box/machine side

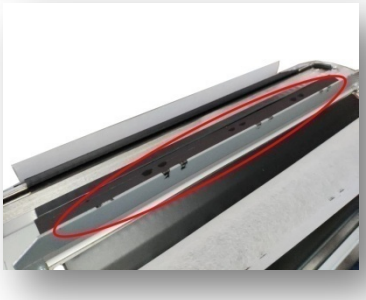
Cheak Treatment of waste master paper (Page 85)

Frequent master loading fault



- If brisket finger of drum is with ink or oil stain or not?

If it is with ink or stain, master unloading will be influenced or incorrect operation will be caused. Manually take down master paper on drum surface, and then clean the brisket finger.



Cheak Take down master paper on drum surface manually (Page 139)

- Take down master paper installed on the machine, and confirm whether master paper is bent or not?

Master paper is thinner, and is greatly influenced by storage environment. When there are master loading faults frequently, in case of having inventory master paper, please change master paper,and confirm master loading condition.

Cheak Installation method of master paper (Page 80)

Common faults in computer data printing

- While printing, [Offline] is displayed, so printing is unavailable

Setting of digital duplicator is [Offline setting]. Click [Start] → [Equipment and printer], double click digital duplicator [RDPrinter3.2] displayed on computer, click upper left [Printer (P)] to change the state of digital duplicator to [Online use (U) of printer], so as to eliminate offline setting.

- Unsuccessful network connection

Maybe IP address of printer is changed. Confirm IP address according to operation sequence in page 105 of the book again.

- Unsuccessful USB power cord connection and printing

There are many USB jacks on computer side. Change jacks for confirmation (Change USB jacks) .

- Deviation of printing result and actual data

Setting error of digital duplicator driver refers to page 102 of the book.
(please select 600×600 dots per inch)

- When U flash disk printing functions are used, file name is not be displayed on digital duplicator

When saved in U flash, unreadable characters or exceed the regulated digits quantity. (Max. 8 digits for half-width alphanumeric.)

Common fault treatment method

Left paper jam

Left paper jam
Tips:Please check
Then press 'Reset'
Or press left microswitch

i) Lower the paper feeding table.

Up-down button of paper feeding table is on its operation part. Press the Up button to lower the paper feeding table.

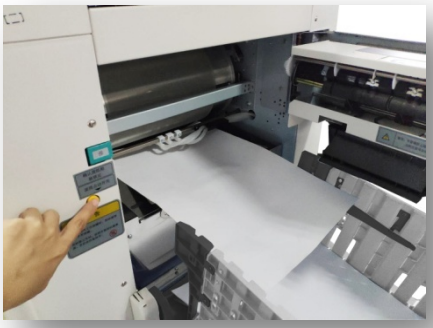


ii) Remove jammed paper.

When paper is not much delivered forwards, paper is directly pulled out. When paper is delivered to the inner side, please pull out paper above the rubber roller.



iii) Clean up paper feeding table.



When jammed paper can not be removed, press [Drum rotating button] to rotate the drum and take out paper.

Cheak Name and functions of each part (Page 26)

Cheak Paper jam on paper feeding side (Page 132)

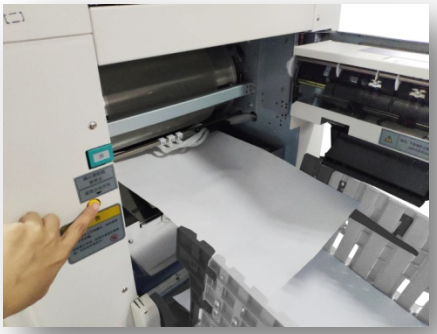
Middle paper jam

Middle paper jam
Tips:Check the drum,and
Press right microswitch

i) Press waste box opening and closing button to open the waste box.



ii) Press [Drum rotating button] to slowly rotate drum and take out paper.



When the drum is rotated, paper arrangement belt will also rotate, please be careful!

iii) Press and hold [Drum rotating button] till [Bang] sound is made slightly. The drum will automatically stop when it reaches home position.

iv) Close waste box.



Even if there is no paper on drum surface, sometimes, the drum should be pulled out for treatment.



Cheak Method of taking out and mounting drum (Page 87)

Cheak Name and functions of each part (Page 23)

Cheak Frequent faults of rolling paper on drum (Page 133)

Right paper jam

Right paper jam
Tips:Open master disposal box
Press right microswich
Take out waste paper

i) Press waste box opening and closing button to open the waste box.



ii) Press [Drum rotating button] to slowly rotate the drum and take out paper.



When drum is rotating, paper arrangement belt will also rotate, please be careful!

iii) Press and hold [Drum rotating button] till [Bang] sound is made slightly. The drum will automatically stop when it reaches home position.



iv) Close waste box

Cheak Name and functions of each part (Page 26)

Cheak Frequent paper arrangement jam faults (Page 132)

Master unloading faults

Master eject err
Tips:Take out drum and check
Then push it back
Then press 'Reset'

i) Open the front door.



・ Stop machine running before open the front cover.

ii) Pull drum mounting handle up, and unlock.



iii) Pull out the drum.



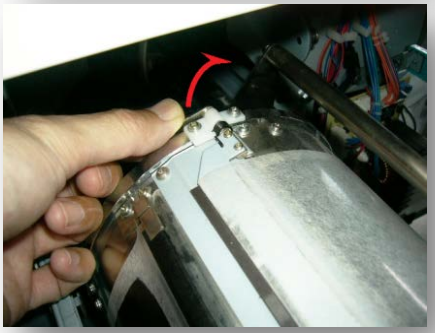
・ Please slowly pull out the drum. It will be stopped by brake on the final position.

iv) Open brisket finger by clamping handle.



a) Clamping handle is on the inner side of drum.

b) Pull up clamping handle and open brisket finger.

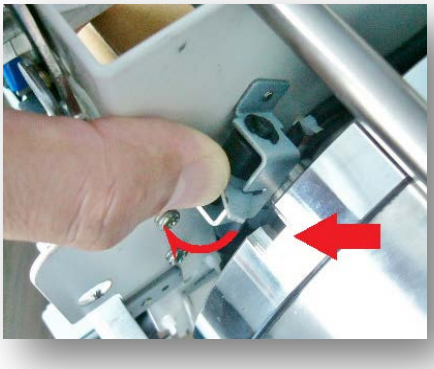


v) Take out master paper above brisket finger.



Master paper may be also automatically warped.

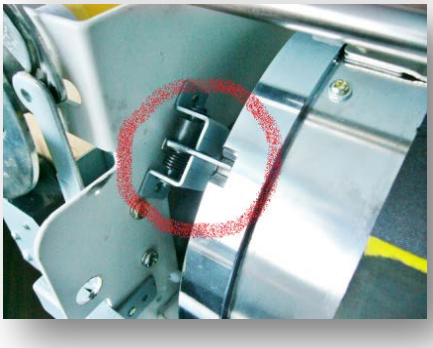
vi) Disconnect the drum handle, and slightly rotate the drum to left.



vii) Take out the master paper when rotating the drum.



viii) Rotate the drum to drum handle locking position.



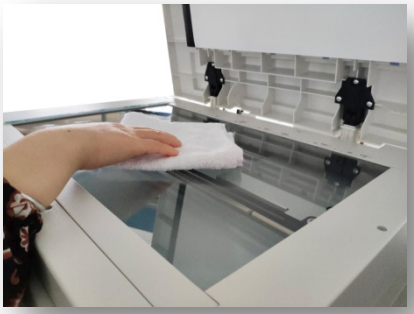
ix) Install the drum in opposite sequence.



Cheak Method of taking out and mounting drum (Page 87)

Simple maintenance

■ Cleaning of scanning table glass



Hints:

Scanning table glass belongs to high precision component, and should not be knocked or scratched by hard matters;

Please wipe the glass by soft cloth or toilet paper.

■ Cleaning of scanning table cover plate



Please wipe the glass by soft cloth or toilet paper.

■ Cleaning of printing roller



Hints:
Before cleaning the printer roller, please first take out the drum unit;

Ink may be left near the printing drum, please be careful, and do not make your hand or clothes dirty.

■ Cleaning of shell



Regularly wipe the complete machine by soft cloth gently to prevent shell getting dirty.

Warning

- Before cleaning, please be sure to turn off the power switch, pull out the power plug, or fire hazards or short circuit will be caused;
- During cleaning, please be sure to guide water or cleaner in the machine. If it flows in machine, please immediately contact with dealers.

Hints

- Please remove dust by soft cloth, water and neutral solvent, but not alcohol and organic solvent, or the shell will be discolored or damaged.

Appendix

Thank you for purchasing our product. If you encounter any of the following problems during use, please contact the distributor or sending us email directly.
We guarantee the normal supply of spare parts and consumables for the machines we manufacture for 5 years after production has ceased.

Information of consumable purchasing and disposal

To order consumables, please contact your dealer.
To dispose of used ink cartridges, master roll cores and discharged masters, please follow the regulations of your local community. Or you can contact your dealer to collect them and dispose of them at our premises.

Note

1. it is recommended to use our specified products for ink and master roll;
2. Please store consumables such as inks and rollers properly.
   Please do not store consumables in the following locations:
   (1) Locations exposed to direct sunlight or bright locations near windows
   (2) Locations where the temperature varies greatly
   (3) Extremely hot and humid locations or extremely cold and dry locations

Ink cartridges handling

1. failure may occur if you use inks other than the recommended type;
2. keep the ink out of reach of children;
3. keep the ink in a cool, dry place and not in a place exposed to heat or direct sunlight;
4. take care to avoid getting your clothes or hands dirty when changing inks;
5. when handling used ink cartridges, put the ink cap back on to prevent spilling of ink;
6. if ink is accidentally splashed in the eyes, wash immediately with plenty of water. If you still feel unwell, seek immediate medical attention.

Name or content of toxic and harmful substances or elements in theproduct

Pollution control mark of electronic informationproducts	Component name		Toxic and harmful substances or elements					
			Pb	Hg	Cd	Cr(VI)	PBB	PBDE
	local	shell	○	○	○	○	○	○
		Assembly substrate	×	○	○	○	○	○
		Chassis, shaft,	×	○	○	○	○	○
	Power cord		○	○	○	○	○	○
	CD-ROM		○	○	○	○	○	○
	printing ink		○	○	○	○	○	○
	Plate paper		○	○	○	○	○	○

○: It means that the content of the toxic and harmful substances in all homogeneous materials of the componentis below the Limit requirements stipulated in the standard of GB/T26572-2025 " Requirements of concentration limits for certain restricted substances in electrical and electronic products ".

×: It means that the content of the toxic and harmful substances in at least one homogeneous m aterial of hecomponent exceeds the limit requirements stipulated in GB/T26572-2025 " Requirements of concentration limits for certain restricted substances in electrical and electronic products"

Pollution control signs of electronic information products:

- This sign is suitable for electronic information products sold in People's Republic of China (PRC). The arrow indicates that the product is an electronic information product that can be recycled, and the numbers in the circle.Indicates the environmental protection service life of the product.
- As long as the precautions for the safety or use of this product are observed, it will not cause serious pollution to the environment or cause serious damage to people and property within the specified period from the date of manufacture.

Technical specification

Model	JR-7370S	JR-7360S	JR-6370S	JR-6360S
Working method	Moving scanned head, thermal master making, memory printing, A3 scanning, A3 printing		Moving scanned head, thermal master making, memory printing, A3 scanning, B4 printing	
Operation mode	5.1 inch LCD			
Original type	Book (≤10kg)、Sheets, two-in-one			
Image mode	Text, image, image>text, text>image, newspaper, grid, pencil			
Original size (min/max)	Min: 50mm×90mm, Max: 310mm × 432mm			
Printing area (min/max)	291mm×416mm		252mm×360mm	
Printing paper size (min/max)	Min：90mm×140mm Max：310mm×432mm			
Master making time	In 19s (A4 Vertical)			
Resolution	300dpi×600dpi			
Printing zoom ratio	Standard： Enlargement：115%、122%、141% Reduction：71%、81%、87%、94% Free zoom：50% - 200% (1% increment)			
Printing paper weight (min/max)	40g/㎡-157g/㎡			
Paper feed capacity	1000 pcs (70g/m^2)			
Paper receiving capacity	1500 pcs (70g/m^2)			
Printing speed	5 class adjustment (55、70、85、105、130 pc/min), 150 pc/min max			
Printing position adjustment	Horizontal：±10mm Vertical：±10mm			
Printing zoom ratio	Standard： Enlargement：115%、122%、141% Reduction：71%、81%、87%、94% Free zoom：50% - 200% (1% increment)			
Printing speed	5 class adjustment (55、70、85、105、130 pc/min), 150 pc/min max			
Printing position adjustment	Horizontal：±10mm Vertical：±10mm			
Scan density	Lighter, light, middle, dark, darker			
Master making density	Lighter, light, middle, dark, darker			
Ejection box capacity	50 pcs			
Ink supply	Automatic (600 ml/pc)			
Master feed/ejection	Automatic (90 m /roll)			

Power supply	220V,50Hz,2A			
Power	150W			
Paper feed	Double roller feeder			
Weight	NW:95kg GW:127kg			
Dimension	Storage：670×720×630mm Using：1310×720×630mm			
Standard function	Online Printing, Network Printing, U-Disk Printing, Ink Saving Mode, Pencil Mode, Newspaper Mode, Screen Mode, Elimination of Center Seam, Programmed Printing, Password Mode, Confidentiality Function, Indication of running out of consumables, Auto Original Detection, Energy Saving, adjustment of gray level, Scanning Original Length adjustment of master roll's length, Auto Shutdown, Auto Printing Pressure Adjustment	Online printing, Ink-saving mode, Pencil mode, Newspaper mode, Screen mode, Elimination of center seam, programmed printing, Password mode, Confidentiality function, Indication of running out of consumables, Automatic detection of originals, Energy-saving, Adjustment of gray level, Adjustment of scanning originals' length, Adjustment of master roll's length	Online Printing, Network Printing, U-Disk Printing, Ink Saving Mode, Pencil Mode, Newspaper Mode, Screen Mode, Elimination of Center Seam, Programmed Printing, Password Mode, Confidentiality Function, Indication of running out of consumables, Auto Original Detection, Energy Saving, adjustment of gray level, Scanning Original Length adjustment of master roll's length, Auto Shutdown, Auto Printing Pressure Adjustment	Online printing, Ink-saving mode, Pencil mode, Newspaper mode, Screen mode, Elimination of center seam, programmed printing, Password mode, Confidentiality function, Indication of running out of consumables, Automatic detection of originals, Energy-saving, Adjustment of gray level, Adjustment of scanning originals' length, Adjustment of master roll's length
Option function	/	Network Printing, Auto Shutdown, U-Disk Printing, Auto Printing Pressure Adjustment	/	Network Printing, Auto Shutdown, U-Disk Printing, Auto Printing Pressure Adjustment
Options	Sorter, drum			

Products will be changed at any time without further notice.



Thank you for using our product! This Manual contains detailed instructions and notes on how to operate and use the equipment. Please read this manual carefully before using the equipment in order to ensure safe, long-term and efficient use!

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