# *KIP Color 80 Printer Operator's Guide*

*Guide 2*

Version A3

Thank you for purchasing the KIP Color 80 Digital Color / Mono Large Format Printer.

This USER'S MANUAL contains functional and operational explanations for the KIP Color 80.
Please read this USER'S MANUAL carefully before using the Printer.
Please keep this USER'S MANUAL for future reference.

When this machine is installed in U.S.A.
This equipment satisfies the requirements in Part 15 of FCC Rules for a Class A computing device.
Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

When this machine is installed in Europe
This equipment satisfies the requirements in Pub.22 of CISPR Rules for a Classic B computing device.
Operation of this equipment in a residential area may cause unacceptable interference to radio and TV reception requiring the operator to take whatever steps are necessary to correct the interference.

**Do not install this machine around electronic equipment or precision instruments.**
**Other devices may be affected by electrical noise during operation.**

**If Machine is installed near other electronic equipment, such as a TV or a radio, interference to said equipment, such as noise or flickering, may occur.**
**Use a separate power line and install the PRINTER as far as possible from said equipment.**

As an ENERGY STAR ® Partner, Katsuragawa Electric Co., Ltd. has determined that this product meets the ENERGY STAR ® guidelines for energy efficiency.

The International ENERGY STAR ® Office Equipment Program is an international program that promotes energy saving through the penetration of energy efficient computers and other office equipment. The program backs the development and dissemination of products with functions that effectively reduce energy consumption. It is an open system in which business proprietors can participate voluntarily. The targeted products are office equipment such as computers, monitors, printers, facsimiles, copiers, scanners, and multifunction devices. Their standards and logos are uniform among participating nations.

The symbol shown indicates that this product conforms to SJ/T11364-2006 of People's Republic of China Electronic Industry Standard and does not apply to countries outside of People's Republic of China.

The symbol shown indicates that this product conforms to GB 18455-2001 11364-2006 of National Standard of the People's Republic of China and does not apply to countries outside of People's Republic of China.

**NOTE**

The KIP Color 80 will require a print finisher. Either a KIP print stacker or a KIP folder is available. Please ask your Service or Sale Personnel for details on the optional devices.

# Safety Warnings

The following warnings are very important in order to safely use this product.
These notes are very important in preventing danger to the operator or operation of the printer.

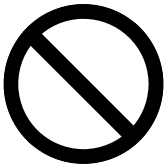
The following symbols are found throughout the USER'S Manual and have the following meaning:

## WARNING

This WARNING mark means that there is a possibility of death or serious injury if you ignore or do not follow the said instruction.

## CAUTION

This CAUTION mark means that there is a possibility of injury or physical damage if you ignore or do not follow the said instruction.



When marked with this symbol, "DO NOT ATTEMPT"

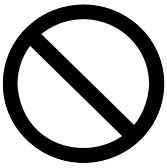
When marked with this symbol, "pay close attention to"

# WARNING

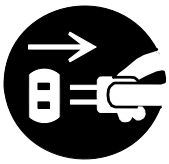
Ground the product with a correct ground source or you may be electrically shocked.

1. Connected outlet must satisfy the following condition.
   220 to 240V (+6% to -10%), 20A or higher, and 50/60Hz
2. Use a circuit with an exclusive breaker.
3. Install the machine as close to the wall outlet as possible.
4. If you wish to move the printer, please contact to your service personnel.

1. Do not remove the screw and do not open the cover if not instructed to do so in this User's Manual. If you ignore this warning, you may be burnt or receive an electric shock due to a hot item or electrically charged part inside of the printer.
2. Do not disassemble or tamper with the printer. It may result in a fire or electrical shock.



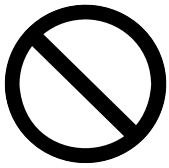
1. Do not plug in the printer into a multi-wire connector in which some other equipment is plugged into. It may cause a fire due to outlet overheating.
2. Do not damage the Power Cord by stepping on or placing something heavy items on it. If the Power Cord is damaged, it may cause a fire or you may receive an electric shock.
   REPLACE THE CORD IF DAMAGED.



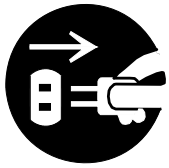
1. Do not PUT a flower vase, a flowerpot or any water-filled item on the product. Spilt water could cause a fire or an electric shock.
2. If the product generates an abnormal smell or noise, turn it off and unplug it from the wall outlet immediately.

Do not throw the toner into a fire or other sources of heat, as it can explode.

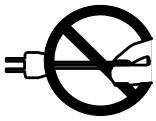
# CAUTION



Do not install the machine in a humidified room or a dusty room.
Also, do not install the machine on an unstable floor as injuries may occur.



1. Unplug the printer before you move it. The power cord may be damaged and it may result in a fire or electric shock.
2. If you do not use the printer for a long duration (holidays, company shutdown) turn off and unplug the printer from the outlet for safety.



Do not pull the cord when you unplug the printer as you may damage the Power Cord. Make sure to unplug the plug from the plug case.

There are hot items inside of the machine. Take great care not to touch these items when you remove mis-fed media.

Ventilate the room well if you print in a small area.

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# 1 Before System Use

## 1. 1 Installation Requirements

The following conditions are required for installation of the equipment.

(1) Power source should be as follows (according to your region).
U.S.A. / Europe ..... 220 to 240V (+6% to -10%), 20A or higher, and 50/60Hz

(2) The equipment must be on an exclusive circuit.
The outlet must be near the equipment and easy accessible.

(3) Make sure to connect this equipment to a grounded outlet.

(4) The site temperature range = 10 to 32.5 degrees centigrade, (50 - 89 F) with the humidity 30% to 70% RH (NON CONDENSING). Keep the equipment away from water sources, boilers, humidifiers or refrigerators.

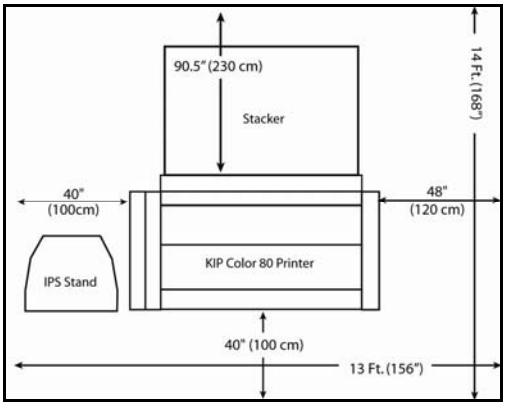
(5) The installation site must not have open flames, dust or ammonia gases.

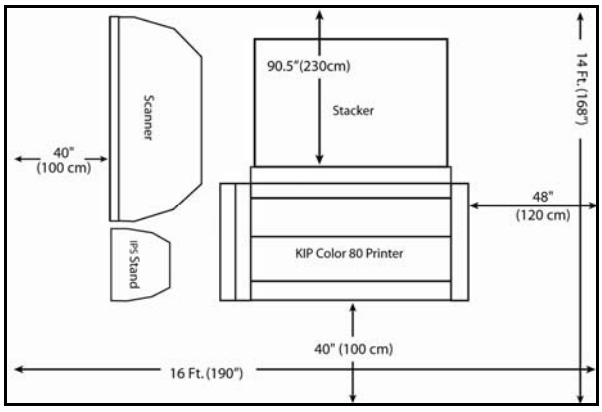
(6) The equipment should not be exposed to the direct sunlight. Please draw curtains to block any sunlight.

(7) Ozone will be generated while this equipment is in use, although the quantity generated is within safe levels. (see certifications) Ventilate the room, if required.

(8) Levelling Bolts on the bottom of the KIP Color 80 should touch the floor correctly.
And the equipment must be levelled. Floor strength must be ample to sustain the weight of the equipment.

(9) Keep ample room around the equipment to ensure comfortable operation. Required space is noted.




Not to scale

# 1. 2 Originals Prohibited from Duplication

It may be illegal to duplicate or copy certain types of originals and you may be punished by local or regional laws, if copies are made of these types of originals.
Please be aware of your local or regional laws and which originals they forbid you to duplicate.

Some Examples:
[Originals prohibited from copying by the law(s)]

1. Do not copy Currency (Bill, Money, Bank Note, etc.), Government issued Negotiable Instruments (National Bonds, Security, Local Debt Bonds, etc.).
2. Do not copy Foreign Currency or Foreign Negotiable Instruments.
3. Do not copy unused postal stamps or government postcards without permission to make replica from said Governments.
4. Do not copy Government issued revenue stamps, certificate stamps that are prescribed by Liquor Tax Act or the Commodity Tax Act.

[Special items which require your attention]

1. The government issues warnings if you are to copy private issued securities (stock certificate, draft, check, goods ticket, etc.), commutation ticket or book of tickets, excluding that some specific company copies such originals as many as it requires for its own business.
2. We recommend you not copy originals as government issued passports, public or private issued licenses, automobile inspection certification, ID and tickets passes or meals.

[Originals protected by the copyright]

It is prohibited to copy originals such as books, music, paintings, printed copies, maps, drawings, movie posters and pictures which are protected by the copyright laws.
Please see your local or regional laws.

# 1. 3 Features

**(1) Contact Development Technology with non-magnetic mono-component toner**
Provides high definition lines and consistent solid images.

**(2) Superior printing productivity**
Print speed is 80mm / second (3 A0 prints/minute or up to 2200 sq ft per hour).

**(3) Long parts life and low frequency of service maintenance**
Long life of parts and self-maintaining functions reduce the frequency of service calls.

**(4) 4-Bit Multi-Level LED Head**
Pre-calibrated LED Head provides the finest color image quality.

**(5) Automatic adjustment of printing parameters according to the environmental condition**
To attain constant image quality in changing environmental conditions, several printing parameters are adjusted automatically. Please note that the printer must still be installed within space and environmental specifications to ensure proper image quality.

**(6) KIP Image Enhancement Technology**
The power of each LED pixels is automatically optimized with KIP Image Enhancement Technology providing exceptional lines and shades.

**(7) Roll replacement without interrupting print process**
Roll media can be replaced while the KIP Color 80 is in the process of printing.

**(8) Long print length**
The print length is 6 meters (19.7 feet) on plain paper. Up to 45 meters printing is possible (please note that image quality and reliability is not guaranteed past 6m)

# 1. 4 Specifications

| Subject | Specification |
|---|---|
| Model | KIP Color 80 |
| Type | Console |
| Printing method | LED - Electro Photography |
| Color | CMYK |
| Photoconductor | Organic Photoconductive Drums |
| Print speed | 80mm / second (3 A0 / minute - 2200 sq. ft. / hour) |
| Exposure method | Multi-Level (4-Bit) LED Print Head |
| Resolution | 600dpi x 600dpi |
| Print width | Maximum : 36 inches<br>Minimum : 11 inches |
| Print length | Maximum : Plain paper : 19.7 ft<br>Tracing paper : 19.7 ft<br>Film : 48”<br>Glossy paper : 48”<br>Minimum : 17 inch)<br><br>NOTE : If the print is longer than 6m, KIP does not guarantee image quality or the reliability of media feeding systems. |
| Warm up time | Less than 6 minutes<br>(At 23C, RH= 60% and 220Vac line voltage) |
| First print time | Shorter than 45 seconds (A0 or E) |
| Fusing method | Roller - heat pressure fusing |
| Development | Contact type mono component non-magnetic development system |
| Charging method | Corona -Self Cleaning |
| Media feeding method | Automatic (4 Roll Decks) and manual (50 cut sheets capacity) |
| Transfer method | Corona |
| Separation method | Corona |
| Input power | 220 to 240V (+6% to -10%), 20A and 50/60Hz |
| Interface | KIP LVDS |
| Maximum power consumption | On 230V, 50/60Hz and Dehumidify Heater is ON<br>Stand by ..... 0.8 Kwh<br>Printing ..... 2.6 Kwh<br>Warm up ..... 2.6 Kwh |
| Acoustic noise | Less than 70db (Printing)<br>NOTE : Impact noise such as cutting sound is excluded.<br>Less than 55db (Stand by) |
| Ozone | Less than 0.05ppm (Average of 8 hours) |
| Dimensions | 1544mm (Width) x 942mm (Depth) x 1435mm (Height)<br>(61”x37”x57”) |
| Weight | About 1000 kg or 2200lbs |
| Media | See Media Specification |

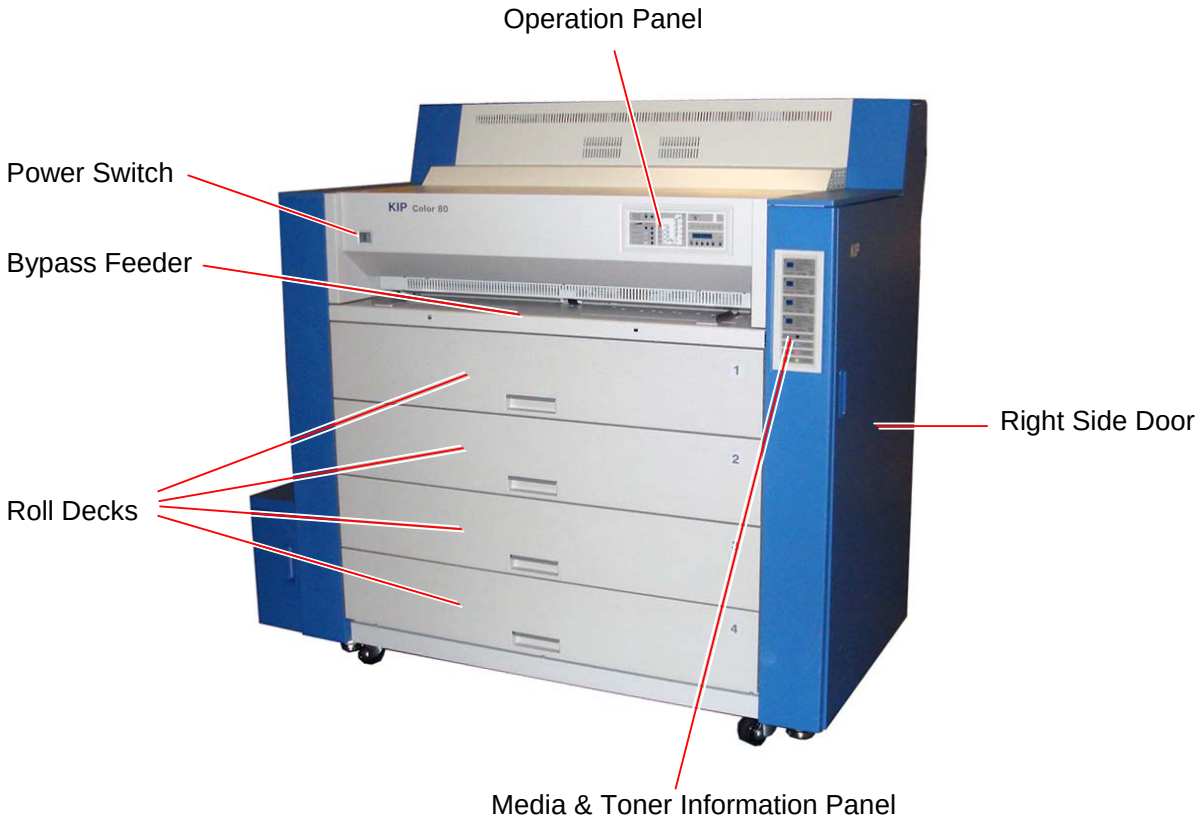
| Subject | Specification |
|---|---|
| Environmental condition | Temperature ..... 10 to 32.5 degrees centigrade (50 - 89 F)<br>Humidity ..... 30 to 70% RH |
| Storage condition of consumables | Print media ..... Wrap the media surely to shut out the humidity.<br>Toner ..... Keep the toner cartridge away from the direct sunlight, and store it in the condition of 0 - 35 $^{o}$C and 10 - 85% RH. |

**NOTE**

These specifications may be changed without notice.

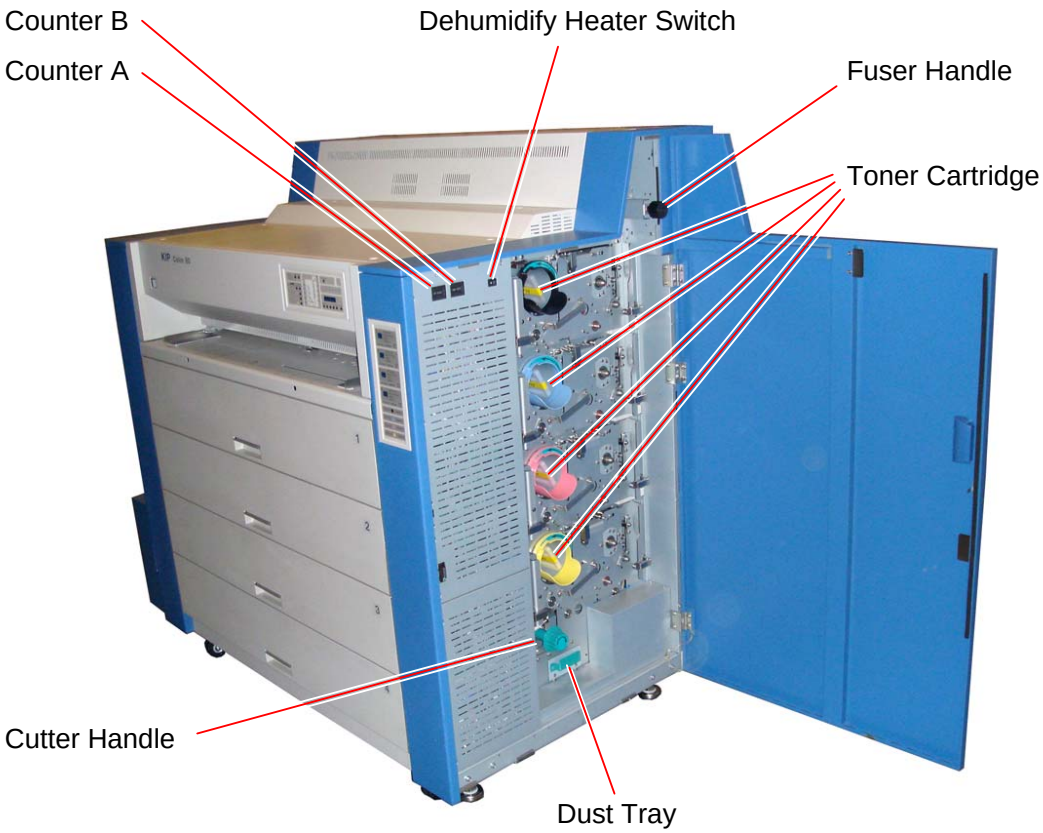
# 1. 5 Appearance

## 1. 5. 1 Front view



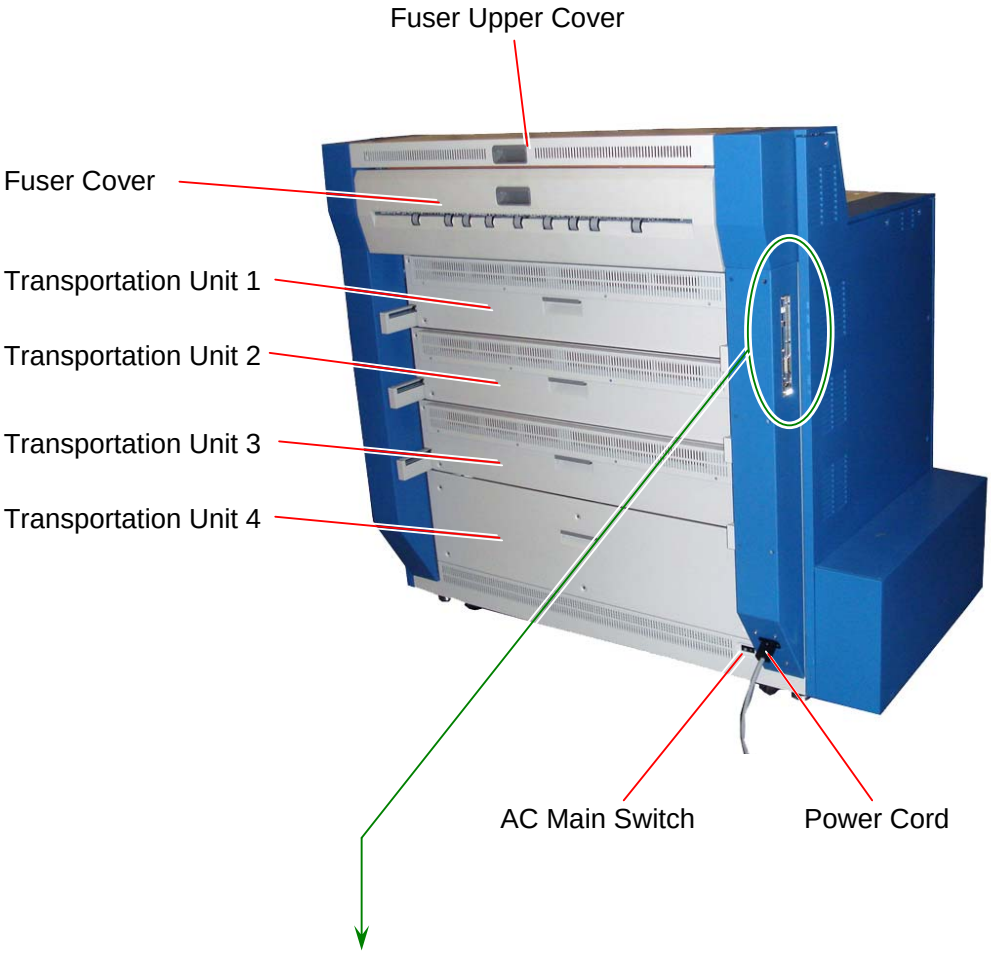

| Name of part | Function |
|---|---|
| Power Switch | Turns on the KIP Color 80. |
| Bypass Feeder | Feeds in the cut sheet media.<br>50 sheets can be set at once if the media is A2 (594mm) or smaller. (24” or narrower) |
| Operation Panel | Indicates information like printer status, error, mis-feed location and etc. |
| Roll Decks | 4 rolls of media can be installed. |
| Media / Toner Information Panel | Indicates the information about media (size, type & remaining level) and toner (remaining level). |
| Right Side Door | Can access the mis-fed media by opening Right Side Door. |

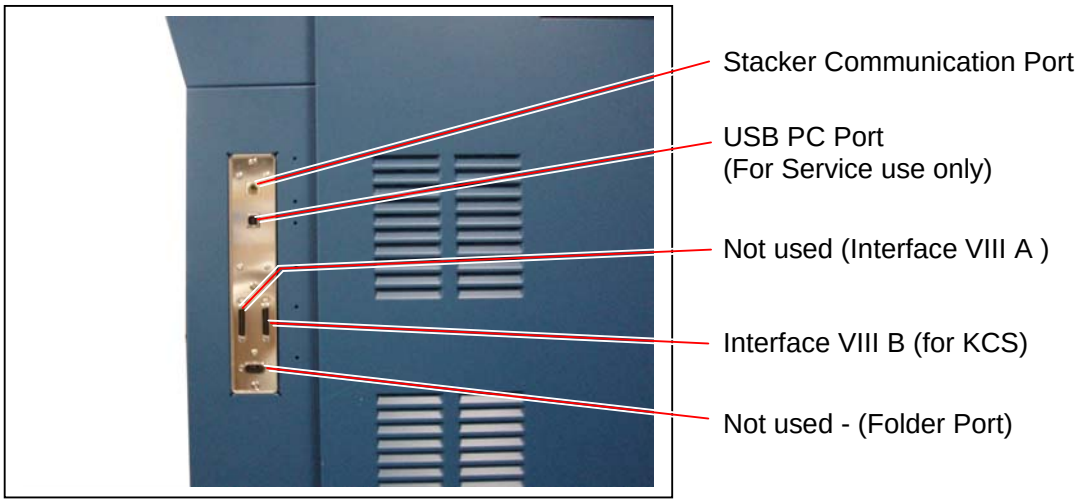
## 1. 5. 2 Right side view



| Name of part | Function |
|---|---|
| Cutter Handle | Can manually cut the mis-fed media rotating the Cutter Handle. |
| Fuser Handle | Can remove the mos-fed media from the Fuser Region safely. |
| Dust Tray | Collects the paper dust generated inside of the machine. Dust can be disposed by pulling out the Dust Tray. |
| Counter A | Counts the linear meter (linear feet - NA) of total prints. |
| Counter B | Counts the square meter (square feet - NA) of total prints. |
| Dehumidify Heater Switch | Can turn on the Dehumidify Heater by pressing the “H” side, and turn it off by pressing the “L” side |
| Fuser Handle | Can eject mis-fed media from the Fuser Unit by rotating the Fuser Handle when the media is mis-fed in the Fuser Unit. |
| Toner Cartridge | 4 Toner Cartridges (cyan, magenta, yellow and black) |
| Waste Toner Door | Can access the Waste Toner Box by opening the Waste Toner Door. |
| Waste Toner Box | Collects the wasted toner. |

## 1. 5. 3 Rear view

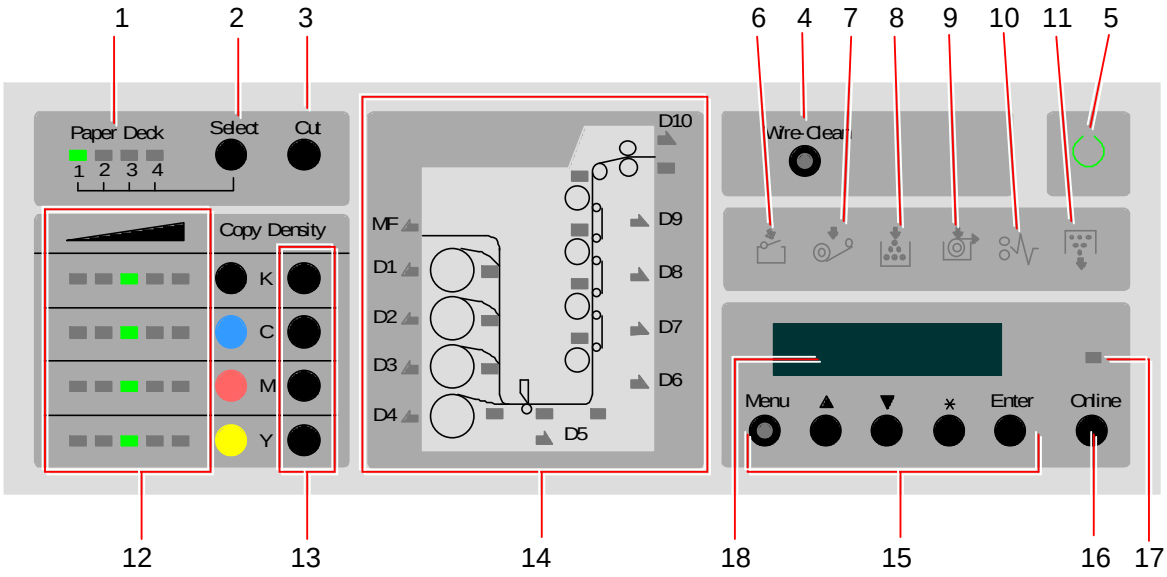


| Name of part | Function |
|---|---|
| Fuser Upper Cover | Can access the media mis-fed around the entrance of the Fuser Unit. |
| Fuser Cover | Can access the media mis-fed around the Fuser Unit by opening the Fuser Cover. |
| Transportation Unit 1 | Can access the media mis-fed around the Transportation Unit 1. |
| Transportation Unit 2 | Can access the media mis-fed around the Transportation Unit 2. |
| Transportation Unit 3 | Can access the media mis-fed around the Transportation Unit 3. |
| Transportation Unit 4 | Can access the media mis-fed around the Transportation Unit 4. |
| Power Cord | To be connected to the wall outlet alone.<br><br>NOTE : Specification for the power cord used in North America<br>Use the following type of power cord (UL-Listed).<br>(1) Rating 250VAC, 20A<br>(2) Plug type NEMA6-20<br>(3) Socket type IEC60320 : C19<br>(4) Cord SJT 3xAWG12 L <4.5m<br>(5) UL-Listed |
| AC Main Switch | Supplies or shuts off the AC main power. |
| Stacker Communication Port | Connect the signal cable from the Auto Stacker. Connector type is RJ11 : 5VDC max<br>(NOTE : Do not connect a telephone line.) |
| PC Port<br>(Service use only) | Service personnel only use this port :<br>USB 2.0 Type B male : 5VDC max |
| Interface VIII A | Not Used<br>MDR Connector 36 pins : 3.3VDC max |
| Interface VIII B (for KCS) | Connect the signal cable from the PC unit.<br>MDR Connector 36 pins : 3.3VDC max |
| Folder Port | Not Used |

## 1. 5. 4 Operation Panel

The Operation Panel on the upper right of front face is available for several settings. It also indicates several status of KIP Color 80.

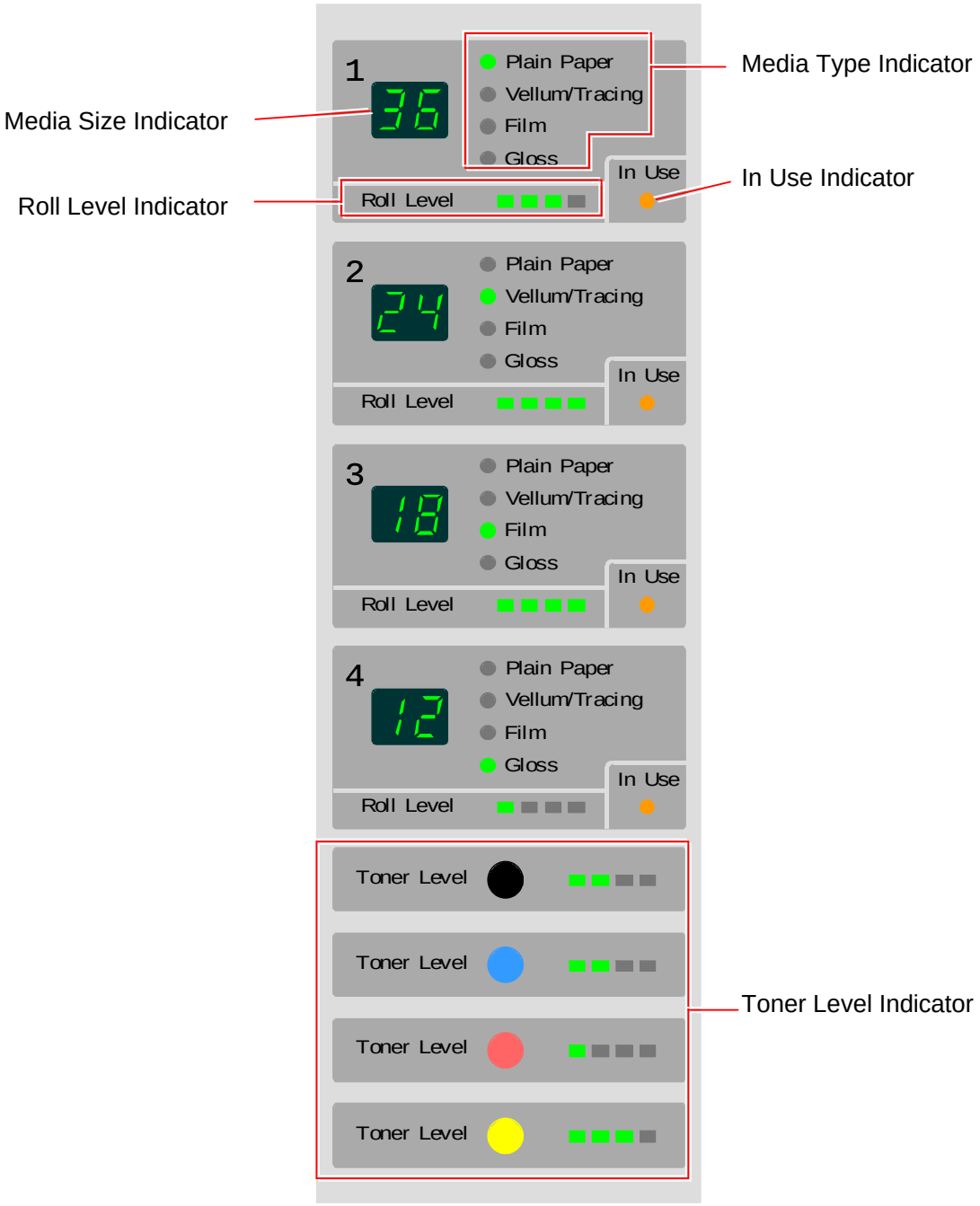



| No. | Name of part | Function | Refer to page; |
|---|---|---|---|
| 1 | Roll Deck Selection Indicator | Indicates the present selection of Roll Deck for Initial Cut. | 1-40 |
| 2 | Roll Deck Selection Key | Selects one Roll Deck for Initial Cut. | 1-40 |
| 3 | Cut Key | Makes an Initial Cut for the roll media on the selected Roll Deck. | 1-40 |
| 4 | Wire-Clean Key | Starts wire cleaning operation to prevent any image problem. Lights when ready for wire cleaning, flashing for cleaning, off for disabled for cleaning | 1-140 |
| 5 | Ready Indicator | Flashes green when the KIP Color 80 is warming up. Lights green when the KIP Color 80 gets ready. | 1-16 |
| 6 | Open Indicator | Lights orange when any door or unit is open or unlocked. | 1-120<br>1-131 |
| 7 | Web Cleaner Empty Indicator | Flashes red when the Web Cleaner is near empty. Lights red when the Web Cleaner is emptied completely and no more copy/print become available. | 1-132 |
| 8 | Toner Empty Indicator | Lights red when the toner is emptied completely and no more copy/print become available. | 1-30<br>1-132 |
| 9 | Roll Empty Indicator | Lights red when the roll media in use is emptied. | 1-19<br>1-133 |
| 10 | Mis-feed Indicator | Lights red when a printing media is mis-fed. (A mis-feed code like “J-xxxx” is indicated on the Status Display and some indication LED of Mis-feed Location Indicator lights red to inform the location of mis-feed.) | 1-74<br>1-134 |
| 11 | Waste Toner Full Indicator | Lights red when the Waste Toner Box is filled with the toner or when it is not installed correctly. | 1-135 |
| 12 | Density Indicator | Indicates the density level presently selected by the Copy Density Key. | - |
| 13 | Copy Density Key | Can change the density level to make the printed image lighter or darker. | - |

| No. | Name of part | Function | Refer to page; |
|---|---|---|---|
| 14 | Mis-feed / Open Location Indicator | Indicates the location of mis-fed media by lighting any LED in red.<br>Indicates the location of open door or open unit by lighting any LED in orange. | 1-74 |
| 15 | Menu Key<br>▲ Key<br>▼ Key<br>✳ Key<br>Enter Key | These keys are used in the User Modes. | - |
| 16 | Online Key | Lights when the KIP Color 80 is online, and goes off when offline. | - |
| 17 | Online Indicator | Switches between online and offline.<br>Cancels the User Mode.<br>Flashes during Warm / Cold Sleep mode. | - |
| 18 | Status Display | Indicates error code, mis-feed code and other information. | - |

## 1. 5. 5 Media & Toner Information Panel

The Media & Toner Information Panel indicates the information of roll media on each Roll Deck and that of toner of each color independently.




| No. | Name of part | Function |
|---|---|---|
| 1 | Media Size Indicator | Indicates the size of roll media installed on each Roll Deck. |
| 2 | Media Type Indicator | Indicates the type of roll media installed on each Roll Deck. |
| 3 | Roll Level Indicator | Indicates how much the roll media in the concerning Roll Deck is remaining by 4 levels. |
| 4 | In Use Indicator | Notices that the concerning Roll Deck must not be opened as it is in use. |
| 5 | Toner Level Indicators | Indicates how much the toner of each color is remaining by 4 levels. |

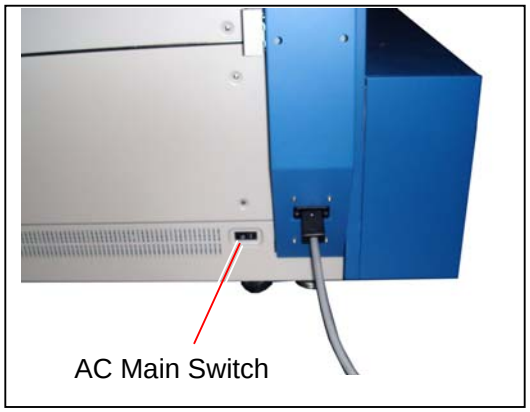
# 2 Operation Details

## 2. 1 Turning on the KIP Color 80

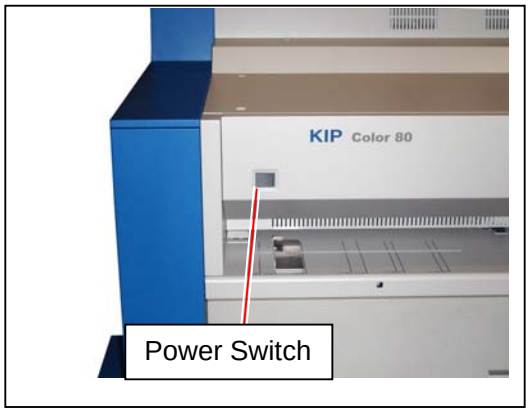
1. Plug the KIP Color 80 to a dedicated wall outlet.

> **NOTE**
>
> Please confirm the outlet satisfies the following condition before plugging the KIP Color 80 into.
>
> 220 - 240V (+6% to -10%), 20A, and 50/60Hz

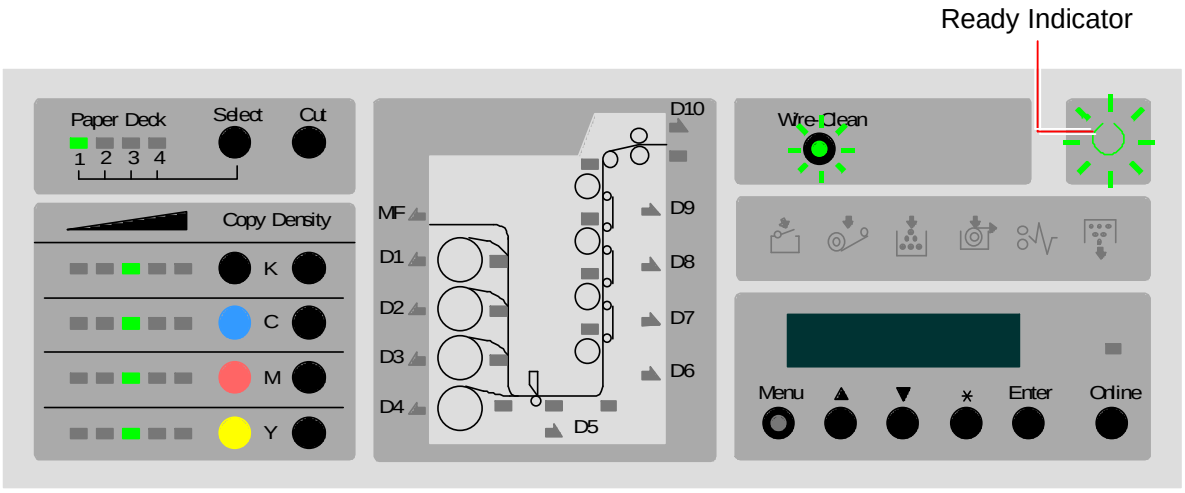
2. Press “|” side of the AC Main Switch on the rear to supply the KIP Color 80 with AC voltage.




3. Press “|” side of the Power Switch on the front to turn on the KIP Color 80.



4. KIP Color 80 starts warming up.
   The Ready Indicator on the operation Panel flashes green during warming up.

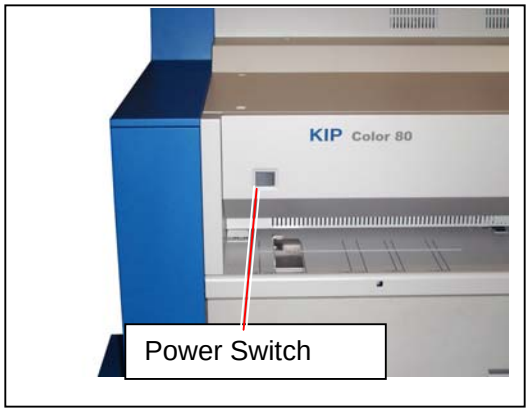



> **NOTE**
>
> The Wire-Clean Key may flash synchronized with the Ready Indicator. Wire Cleaning is performed when it is flashing. Refer to [1.3.6.2 Flash of Wire-Clean Key] on page 1-137 for the detail.

5. KIP Color 80 will get ready about 6 minutes after turning on.
   The Ready Indicator stops flashing and lights green when ready.

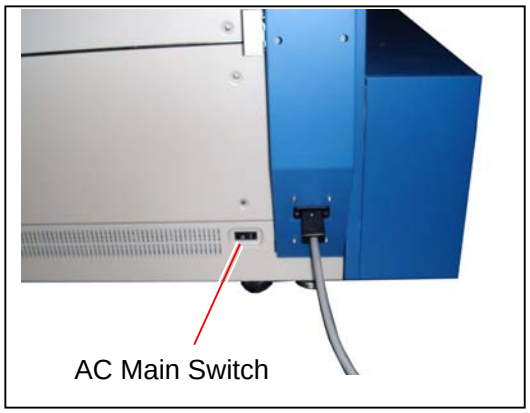
# 2. 2 Turning off the KIP Color 80

Press "⏻" side of the Power Switch on the front to turn off the KIP Color 80.



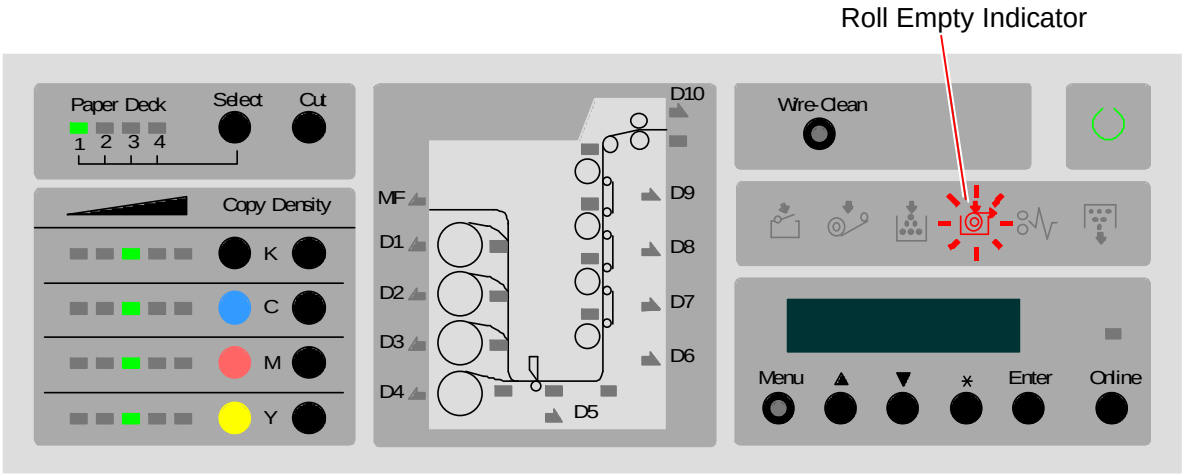

## ⚠ NOTE

If you will disconnect the power cord, turn off the AC Main Switch at first pressing "O" side then disconnecting the power cord.



# 2. 3 Replacing the Roll Media

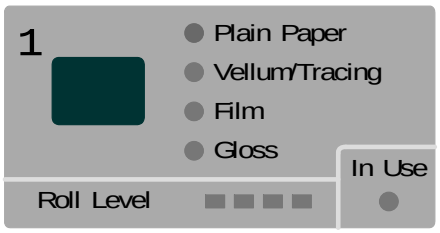
The Roll Empty Indicator lights red when the used roll media is emptied during printing.
Install a new roll media as instructed in below.




## Reference

(1) Even if the KIP Color 80 is printing, a Roll Deck may be able to open without interrupting the printing operation for replacing the roll media.
Whether a certain Roll Deck can be opened or not is shown by the corresponding"In Use" indicator.
A Roll Deck can be opened for replacing the roll media even during printing if the concerning In Use Indicator is not lighting.
Do not open the Roll Deck when its In Use Indicator is lighting.
Refer to the [1.3.6.3 "In Use" Indicator] on page 1-138 for further detail.

(2) The Roll Empty Indicator informs just "any" roll media is empty. Check the Roll Level Indicator on the Media & Toner Information Panel to know which of 4 roll media is empty. Media Size Indicator, Media Type Indicator and all of 4 LED of the Roll Level Indicator go off if the concerning roll media is empty.

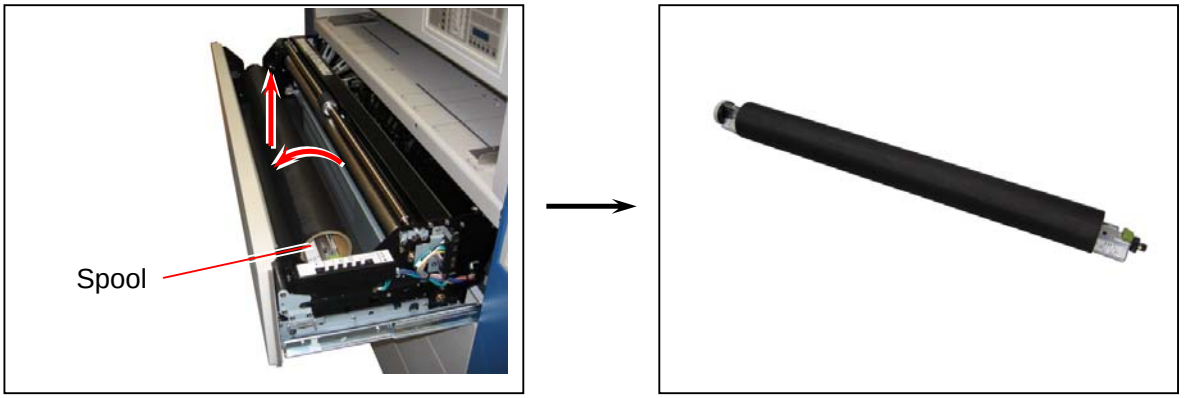



All the indicators go off when empty

(3) A new roll paper can be installed by the common method to all of 4 Roll Decks.

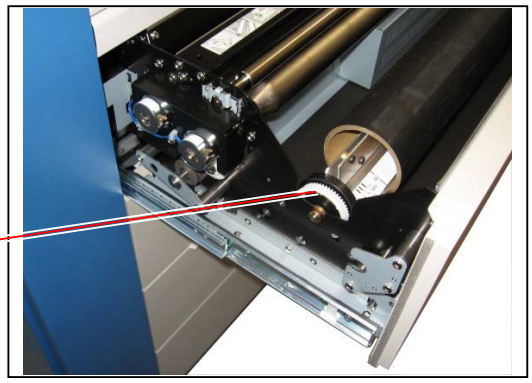
1. Pulling up the handle to unlock the Roll Deck, and draw out the deck.

2. Rotate the Roll Spool one revolution in the direction of arrow to put it out of gear, and then remove it from the Roll Deck.

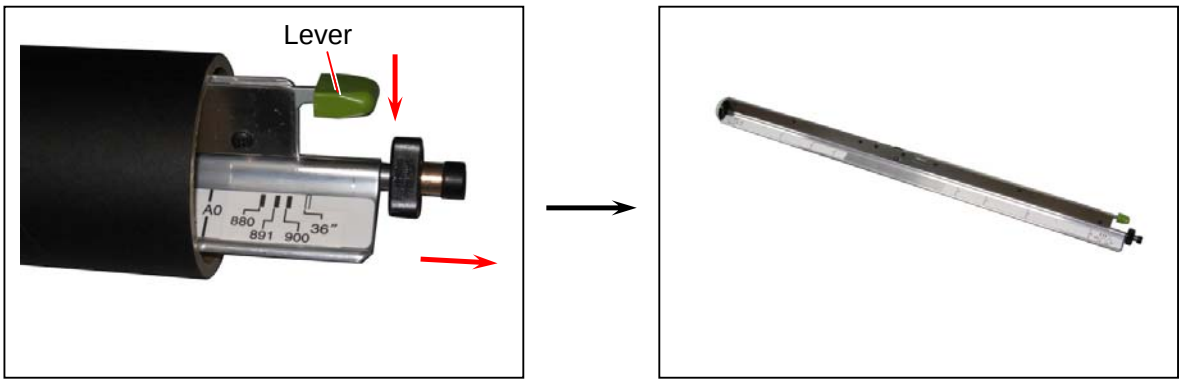



**NOTE**

The Roll Spool is in gear if not rotated in the direction of arrow. The gear on the left end of the Roll Spool will be broken if you remove the Roll Spool without putting it out of gear.



3. Pressing down the green lever to release the core of roll media, and pull out the Roll Spool from the core.




4. Pressing down the green lever, insert the Roll Spool into the new roll media.

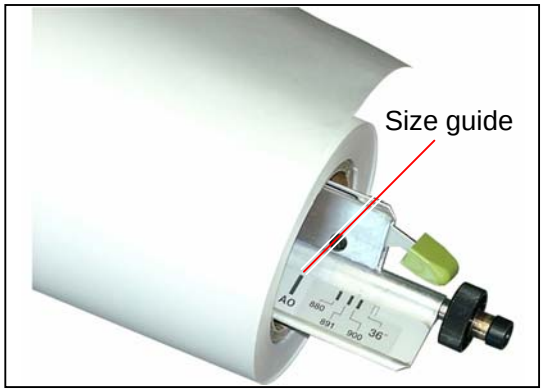
**NOTE**

Set the roll media in the correct direction.

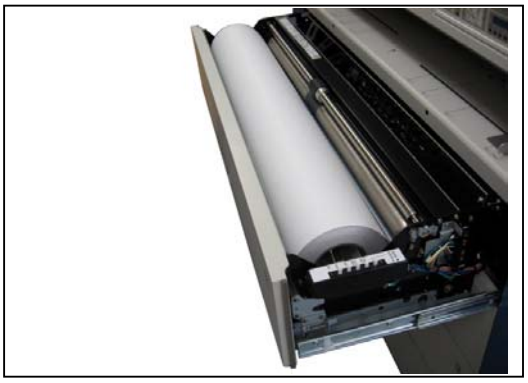
Correct

Not correct

5. Align the edge of roll media with the concerning size guide, and then release the green lever to fix the roll media onto the Roll Spool firmly.



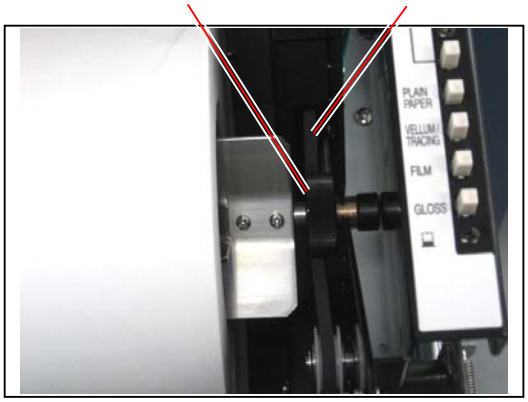

6. Install the Roll Spool into the Roll Deck.



## NOTE

The driving rubber belt on the right must be surely placed under the black cylinder of the Roll Spool. Paper feeding problem will occur if it is not under the black cylinder as the following incorrect case.

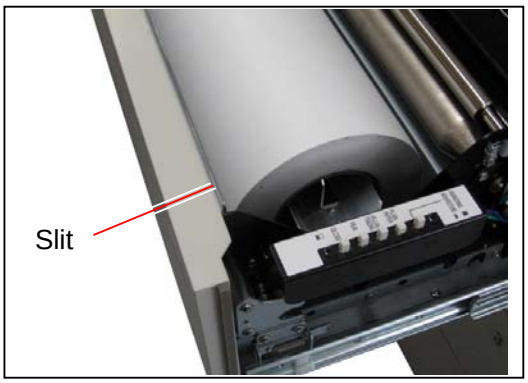
Black cylinder Driving belt

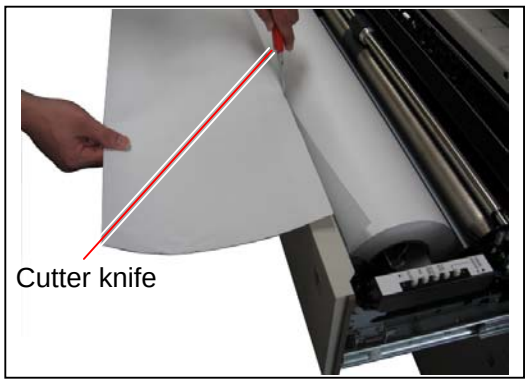



Correct

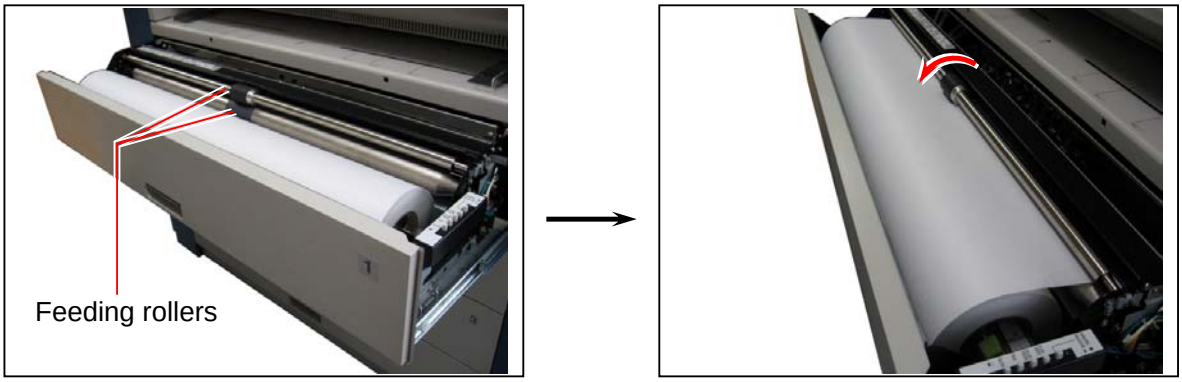
Incorrect

7. As there is a slit for receiving a cutter knife on each Roll Deck, cut off the leading part of roll media to straighten the leading edge.




8. Insert the leading edge of roll media between both feeding rollers, and rotate the upper feeding roller to feed the roll media about 1 or 2cm.



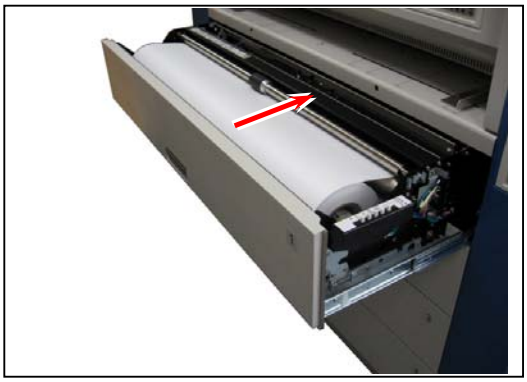
9. Media Selector is on the right of the Roll Deck.
   Press any of “PLAIN PAPER”, “VELLUM / TRACING”, “FILM” and “GLOSS” according to the type of the installed media.
   - PLAIN PAPER ..... Select when bond (plain) paper is installed.
   - VELLUM/TRACING ..... Select when vellum (tracing paper) is installed.
   - FILM ..... Select when film is installed.
   - GLOSS ..... Select when glossy paper is installed.

   Select either “ENGINEERING” or “ARCHITECTURE” according to the format as well.
   - ENGINEERING ..... Selected when the switch is up.
   - ARCHITECTURE ..... Selected when the switch is down.

**NOTE**

Do not make a wrong selection on these switches.
A wrong setting for the type of media will lead to an unstable image (fusing defect) or some other quality problem.
A wrong setting for the format of media will lead to a wrong image placement on the media.

10. Close the Roll Deck until it is locked firmly.



11. Set / confirm the type of media on the KIP Color Server (PC).

# 2. 4 Setting Cut Sheet Media to Bypass Feeder

Cut sheet media can be fed from the Bypass Feeder.
Each size has its own availability for orientation and multi-feeding respectively as follows.

Metric

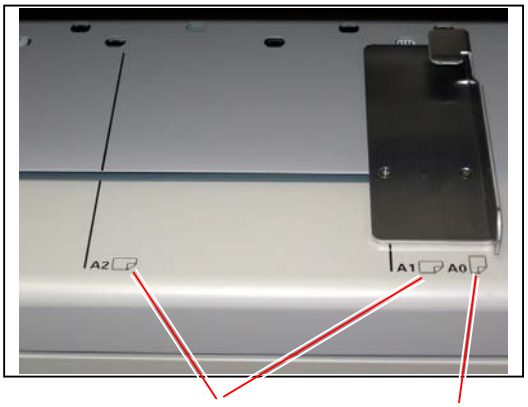
| Media size | Available orientation (Length x Width) | Availability of multi-feeding | Remarks |
|---|---|---|---|
| A4 | Landscape (210mm x 297mm) | Available | |
| A3 | Landscape (297mm x 420mm) | Available | |
| A2 | Landscape (420mm x 597mm) | Available | |
| A1 | Landscape (597mm x 841mm) | Not available | |
| A0 | Portrait (1189mm x 841mm) | Not available | |
| 841mm wide (Not standard length) | Portrait & Landscape | Not available | Must be longer than 440mm at least. |

Inch

| Media size (Length x Width) | Available orientation | Availability of multi-feeding | Remarks |
|---|---|---|---|
| 8.5” x 11” | Landscape | Available | |
| 9” x 12” | Landscape | Available | |
| 11” x 17” | Landscape | Available | |
| 12” x 18” | Landscape | Available | |
| 17” x 22” | Landscape | Available | |
| 18” x 24” | Landscape | Available | |
| 30” wide (Not standard length) | Portrait & Landscape | Not available | Must be longer than 440mm at least. |
| 34” wide (Not standard length) | Portrait & Landscape | Not available | Must be longer than 440mm at least. |
| 36” wide (Not standard length) | Portrait & Landscape | Not available | Must be longer than 440mm at least. |

## NOTE

(1) Availability of orientation for each media size is illustrated on the Bypass Feeder.
Please follow the illustration when setting the cut sheet media.




(2) Multi-feeding is available when a small size of cut sheet media is used.
Refer to [1.2.4.1 Multi-feeding of cut sheet media ] on the page 1-26.

## 2. 4. 1 Multi-feeding of cut sheet media

Multi-feeding is available when a small cut sheet media is used.
“Small sizes” are as follows.

| | | | |
|---|---|---|---|
| Metric : A4 (210mm x 297mm) | | Inch : 8.5” x 11” | 12” x 18” |
| A3 (297mm x 420mm) | | 9” x 12” | 17” x 22” |
| A2 (420mm x 594mm) | | 11” x 17” | 18” x 24” |

**NOTE**

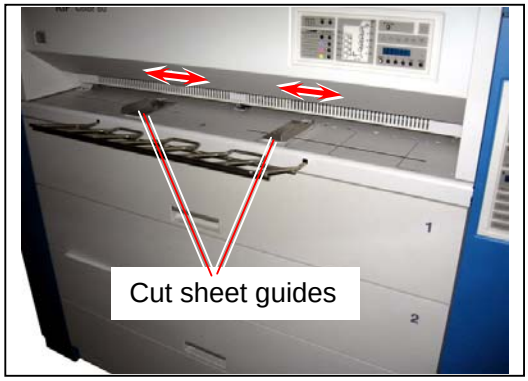
(1) Do not attempt to make multi-feeding with a wider media than the above ones as it will cause a mis-feed or duplicate feeding. The internal mechanism might be broken in the worst case.

(2) Do not leave the cut sheet media for a long time on the Bypass Feeder as it will get moisture, which will result in a mis-feed or image defect. (Put the media in a vinyl bad to block the moisture.)

(3) Only landscape position is available in case of multi-feeding.

1. Select the cut sheet feeding mode on the output device connected to the KIP Color 80. Refer to your system reference for media source information.

2. Sliding left and right, place the cut sheet guides properly according to the size of cut sheet media.



3. Arrange the edges of multiple media, put them on the Bypass Feeder by landscape position, and move them forward until contacted to feeding roller.

**NOTE**

As curled cut sheet media will cause a mis-feed, straighten the media as far as possible before printing. And set the media by “curl down” direction as a mis-feed can be avoided. Setting of media by “curl up” direction tends to result in a mis-feed.

Correct (curl down)

Incorrect (curl up)

4. Output a copy/print job from the output device.

## 2. 4. 2 Singular feeding of cut sheet media

A large cut sheet media can not be fed by multi-feeding.
Please feed it singularly as instructed in below.
“Large sizes” are as follows.

Metric : A1 landscape (210mm x 297mm)
A0 portrait (1189mm x 841mm)
841mm wide (Not standard length)

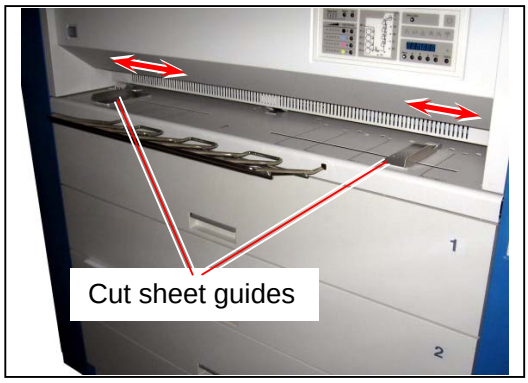
Inch : 30” wide (Not standard length)
34” wide (Not standard length)
36” wide (Not standard length)

**NOTE**

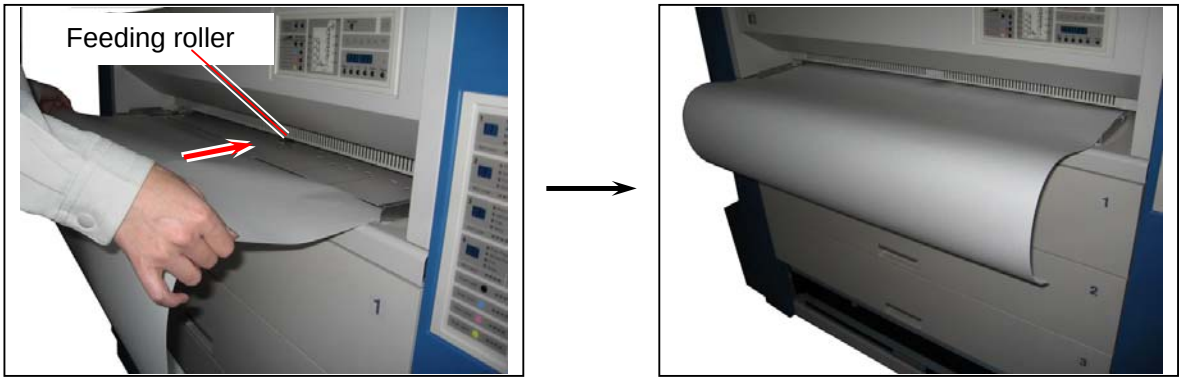
Do not leave the cut sheet media for a long time on the Bypass Feeder as it will get moisture, which will result in a mis-feed or image defect. (Put the media in a vinyl bad to block the moisture.)

1. Select the cut sheet feeding mode on the output device connected to the KIP Color 80.
   Refer to your system reference for media source information.

2. Sliding left and right, place the cut sheet guides properly according to the size of cut sheet media.




3. Put the media on the Bypass Feeder, and move it in the direction of arrow until contacted to the feeding roller.
   The feeding rollers rotate automatically to place the cut sheet media at the starting position.




4. Output a copy/print job from the output device.

## NOTE

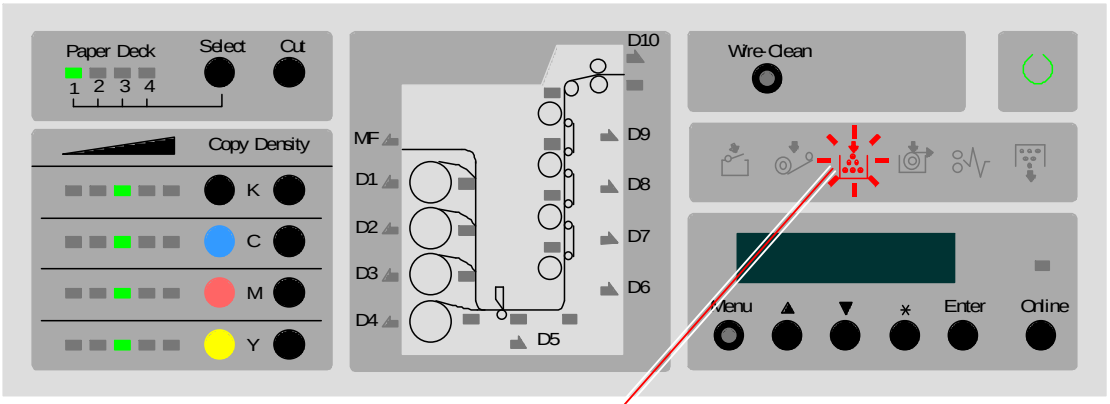
As curled cut sheet media will cause a mis-feed, straighten the media as far as possible before printing.
And also please set the media by “curl down” direction as a mis-feed can be avoided.
Setting of media by “curl up” direction tends to result in a mis-feed.

Correct (curl down)

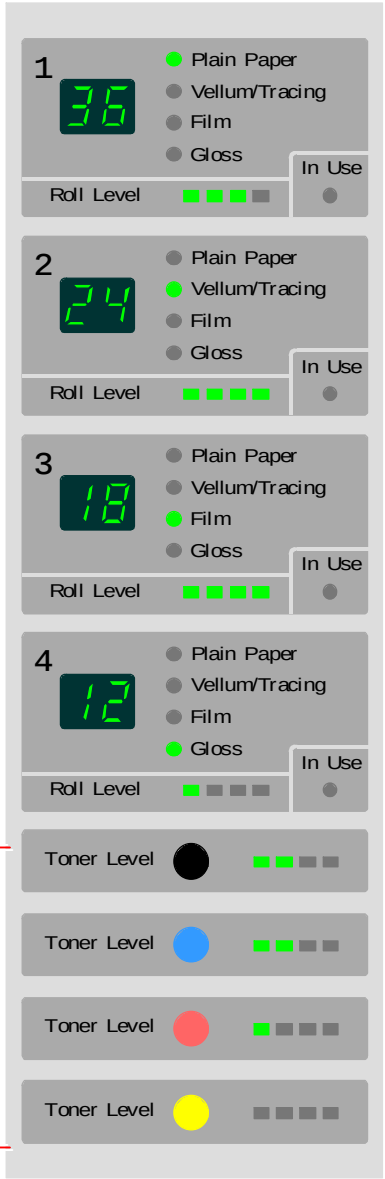
Incorrect (curl up)

# 2. 5 Replacing the Toner Cartridge

The Toner Empty Indicator on the Operation Panel lights red when any of 4 Toner Cartridges is empty. On the Media & Toner Information Panel, the Toner Level Indicator informs which color of Toner Cartridge is empty as all of 4 lamps go off when the concerning color of cartridge is empty. As printing is not available until the cartridge is replaced, replace it as instructed on and after the next page.




Toner Empty Indicator



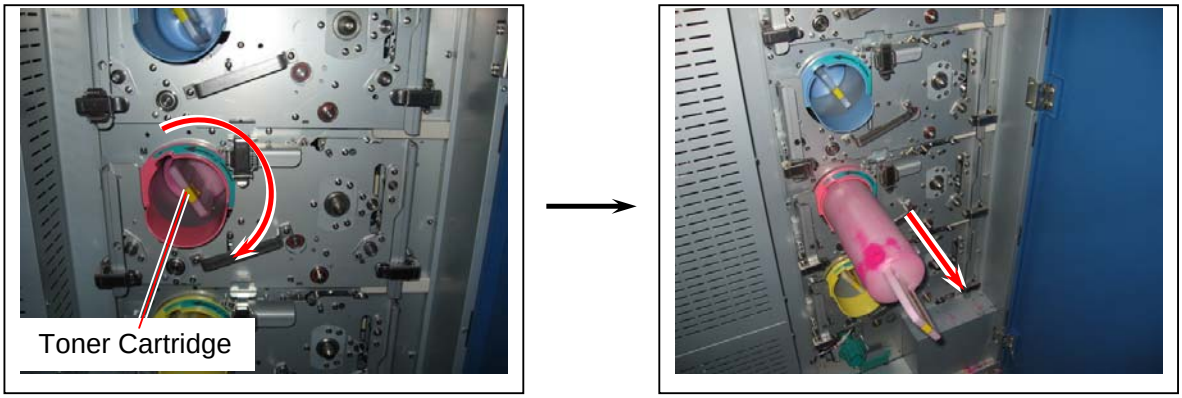

Toner Level Indicator
(Example : Yellow cartridge is empty.)

**NOTE**

If very dark image is printed consuming great amount of toner, the Toner Empty indicator may rarely light even though the Toner Cartridge still has enough toner. If this cartridge is installed again, the Toner Empty Indicator will stop lighting and you will be able to continue printing. Therefore make sure to check if the toner is still remaining in the cartridge whenever you remove the cartridge.

1. Open the Right Side Door.

2. Rotate the Toner Cartridge 180 degrees in the direction of arrow until it is stopped.
   Remove the Toner Cartridge from the machine.




## NOTE

(1) Toner Cartridge can not be removed if not rotated 180 degrees completely as the above.

(2) Do not hold the ventral region of Toner Cartridge. Otherwise the toner may blow out from the supplying hole.

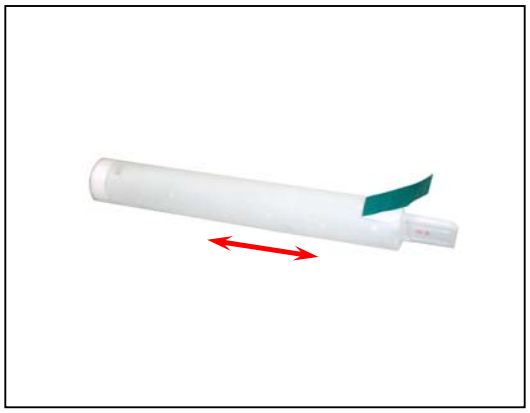
(3) Be careful not to direct the supplying hole to the floor after removing the Toner Cartridge. Otherwise toner will come out from the supplying hole.

(4) Do not remove Toner Cartridge with unused toner portion inside. Otherwise the toner portion may come out from the supplying hole.

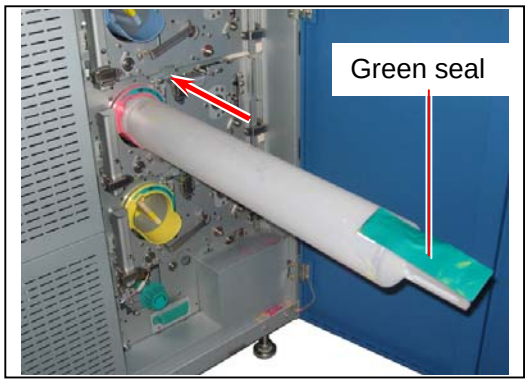
## WARNING

Dispose the used Toner Cartridge properly. Excess heat /sparks/flames may cause it explode!

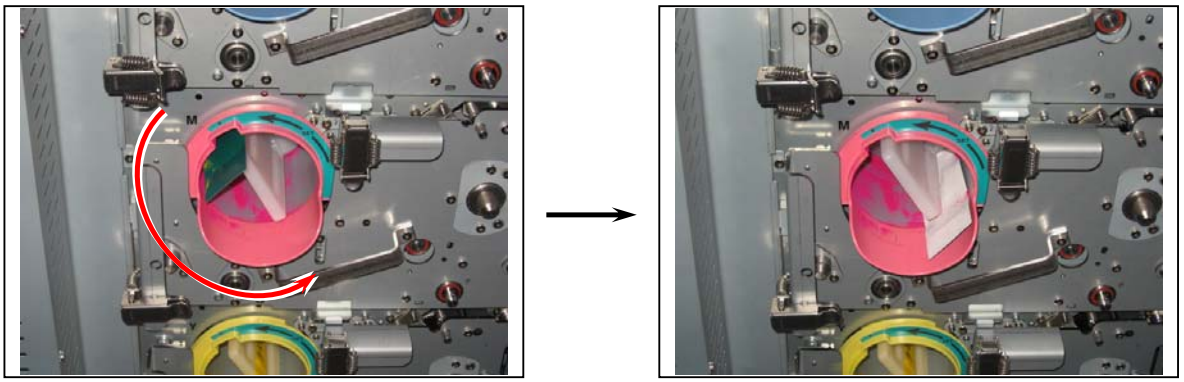
3. Choose the new Toner Cartridge of the same color, and shake it well to loosen the toner.



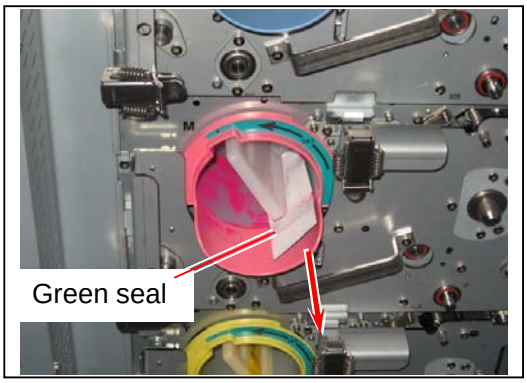
4. Insert the Toner Cartridge into the machine with its green seal up.




5. Rotate the Toner Cartridge 180 degrees in the direction of arrow until it is stopped.



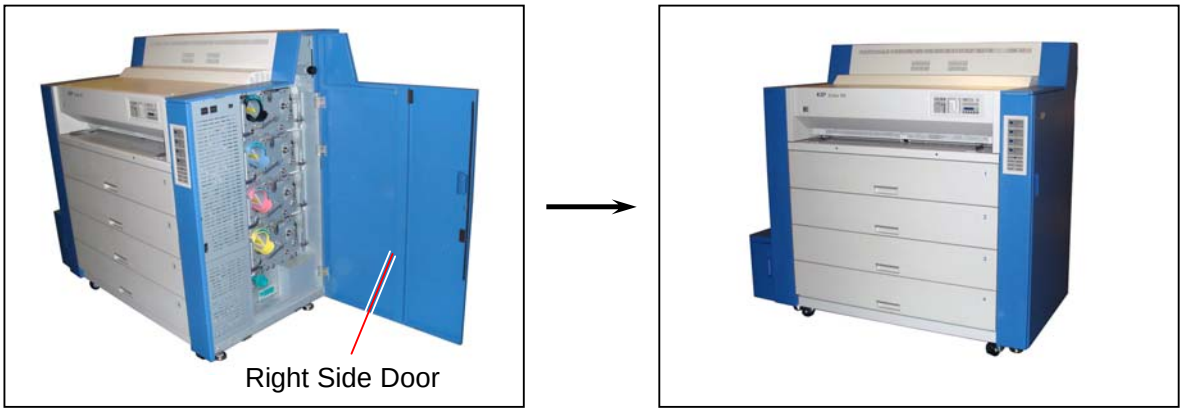
6. Strip off the green seal to open the cartridge.




**NOTE**

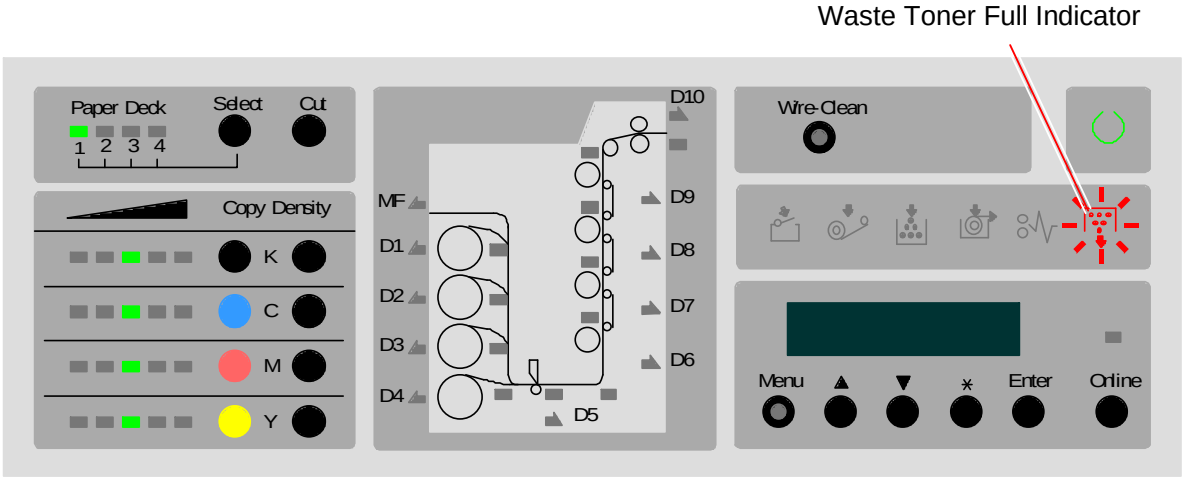
Toner Empty Indicator will light soon if the supplying hole is directed upward or, if green seal is not removed.

7. Close the Right Side Door.



# 2. 6 Replacing the Waste Toner Box

The Waste Toner Full Indicator on the Operation Panel lights red when the Waste Toner Box is completely filled with the wasted toner. Printing is not available until the Waste Toner Box is replaced>Replace it as instructed below.



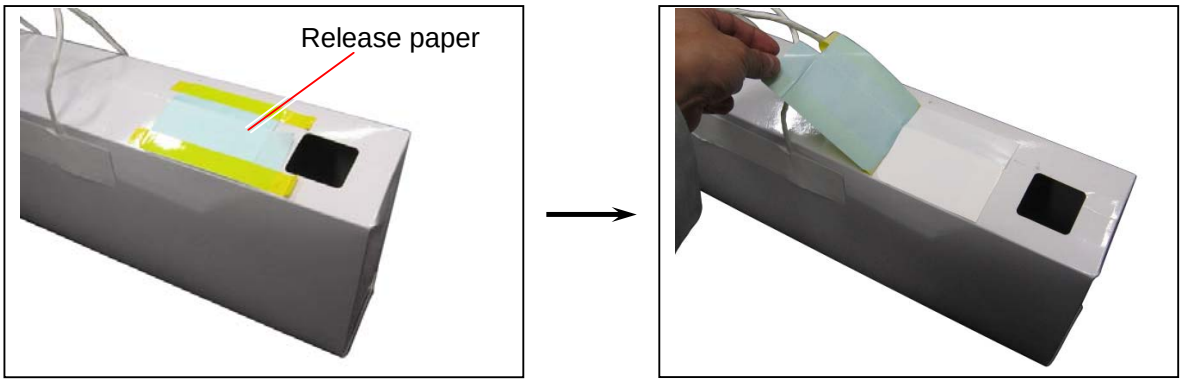

1. Open the Waster Toner Door on the lower left.

2. Remove the Waste Toner Box.

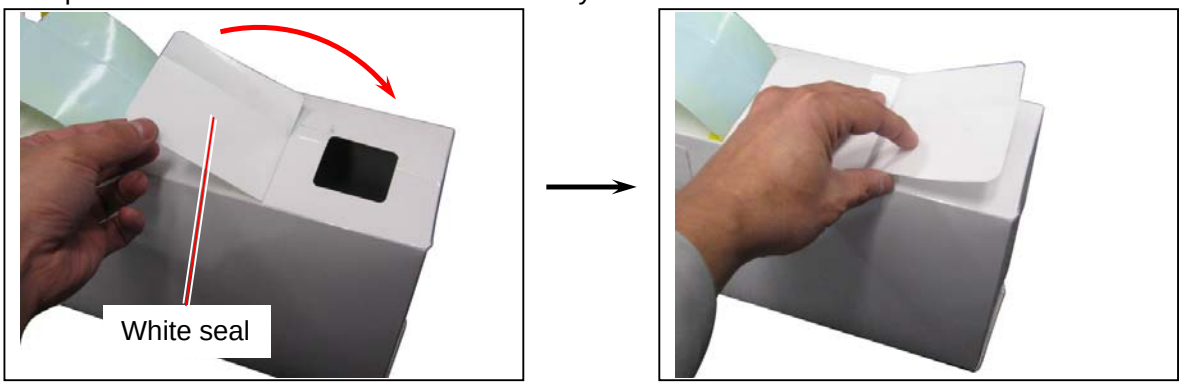
**NOTE**

Do not handle the Waste Toner Box roughly. Otherwise the toner will come out from its open hole.

3. Strip off the release paper beside the open hole.



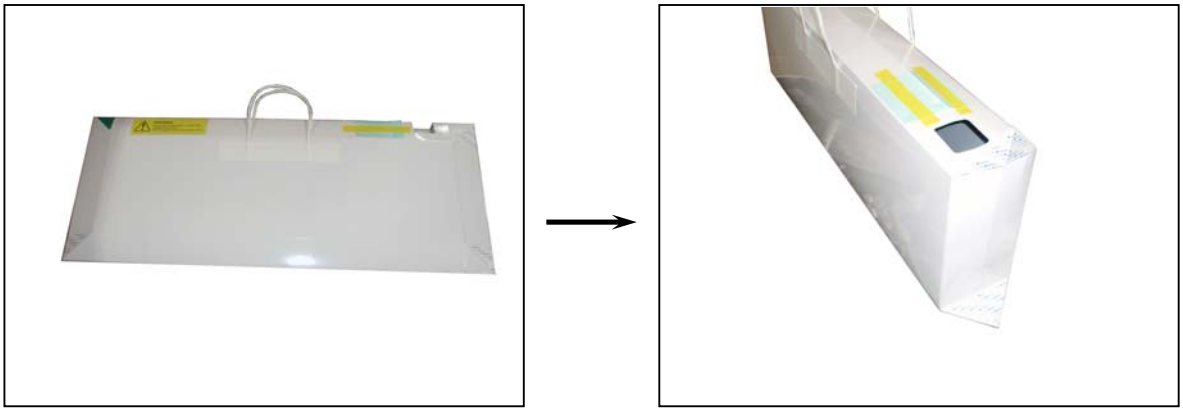

4. Close the open hold of the box with the white seal.
   Dispose the Waste Toner Box in a correct way.




**WARNING**

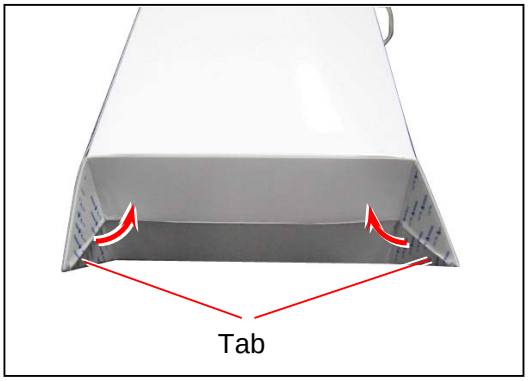
Do not dispose the Waste Toner Box as a flammable. Toner will explode if thrown into the fire. Please ask the seller for the way of dispose.

5. Assemble a folded Waste Toner Box.



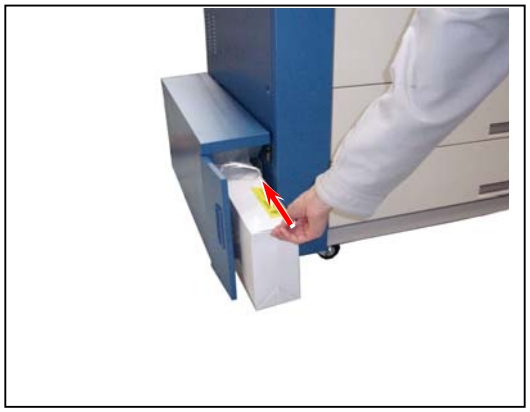
6. Strip off the protection papers on 3 tabs, and apply these 3 tabs to the side face of the box folding inward. (1 of 4 tabs can not be applied.)

Rear side



Front side

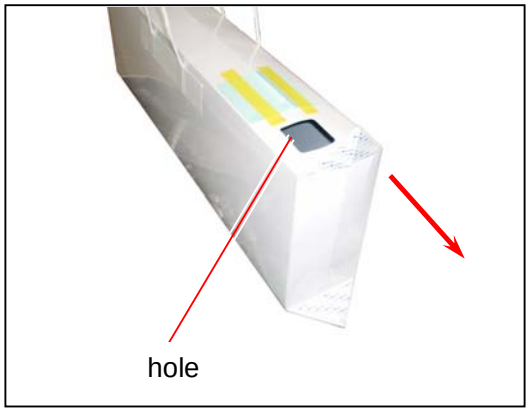
7. Holding the free tab, set the Waste Toner Box into the machine so that the hole on the top of the box is located on the rear side.



**NOTE**

(1) Direct the free tab upside. Otherwise it may intervene to close the Waste Toner Door.

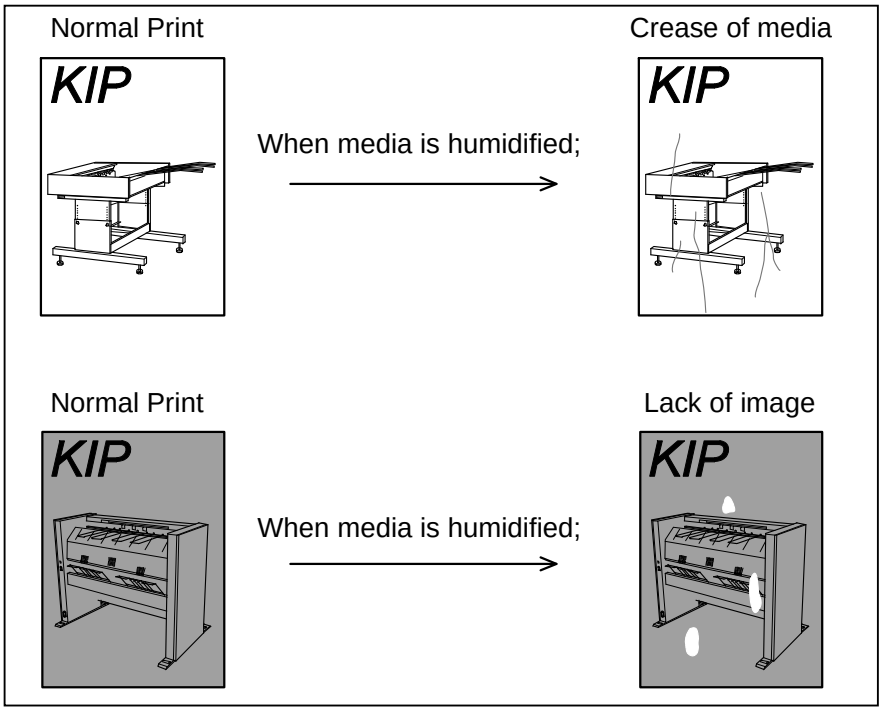
(2) Make sure that the hole on the top of Waste Toner Box is located on the rear side. Otherwise it may cause the machine's malfunction.




8. Close the Waste Toner Door.

# 2. 7 Dehumidifying the Roll Media

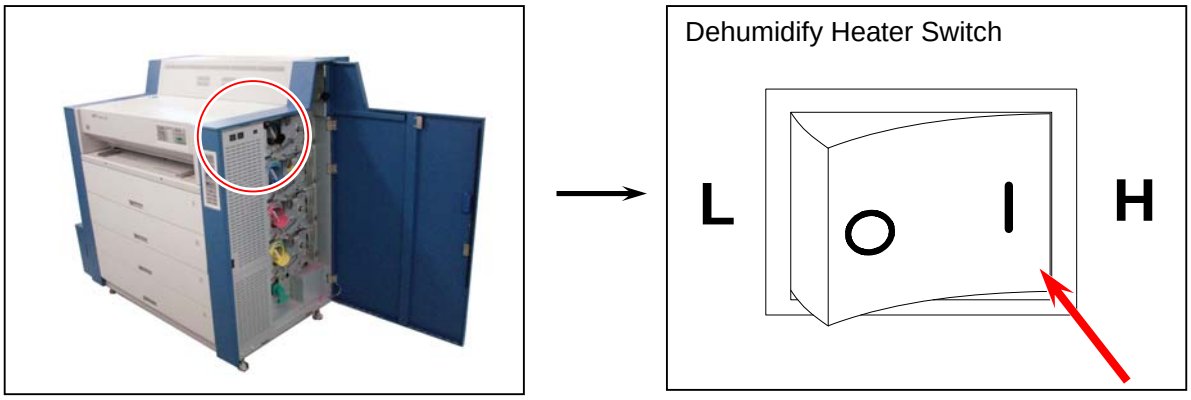
A print defect may occur if the roll media is very humid. The usual defects are “crease of media” and “lack of image”.




Roll media will become humid if it is kept in the Roll Deck for a long time, and will result in the above types of issues. Turn on the Dehumidify Heater to dehumidify the roll media if the room has too much humidity (higher than 60%RH). Then the above image issues should be resolved.

1. Open the Right Side Door.

2. Press the “H” side of the Dehumidify Heater Switch to turn on the Dehumidify Heater. (Press the “L” side to turn off.)




## Reference

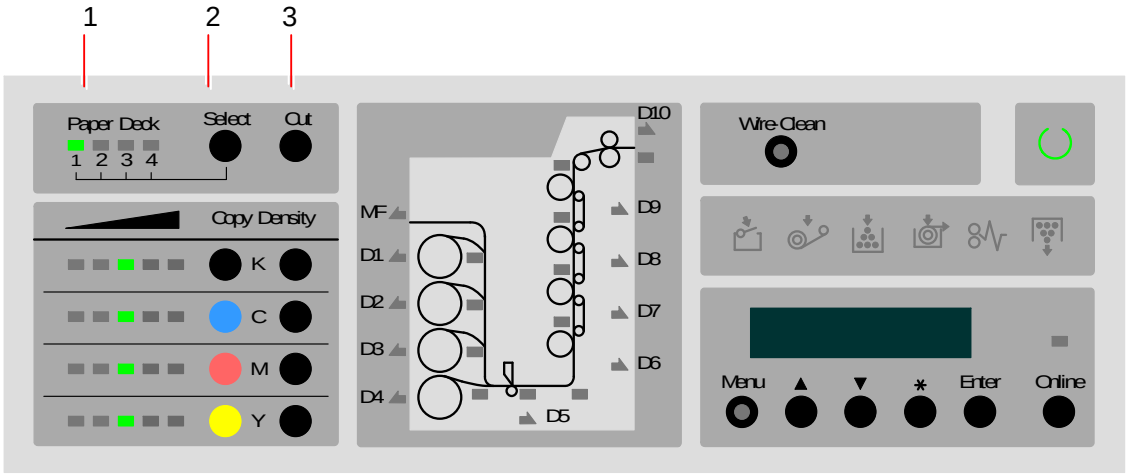
(1) The Dehumidify Heater operates even if the Power Switch is OFF. Be careful not to disconnect the power cord or not to turn off the AC Main Switch. The Dehumidify Heater can not operate if unplugged.

(2) It is recommended for getting a better print quality to use a roll media right after it is unpacked. The roll media will be more humid if exposed to the room air for longer time.

# 2. 8 Initial Cut
## (Straighten the leading edge of roll media)

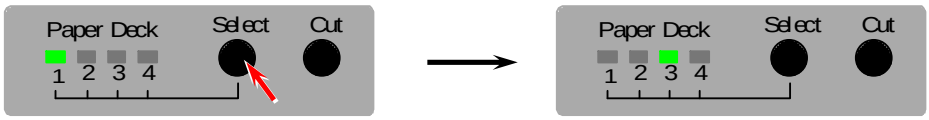
A new roll media tends to have a rough or folded leading edge. Initial Cut will easily straighten the leading edge by cutting off such poor quality part of the media automatically. The selected roll media is cut by 260mm long, and the portion of media after the cut is automatically ejected.

Roll Deck Selection Indicator (1), Roll Deck Selection Key (2), and Cut Key (3) are used for the operation.

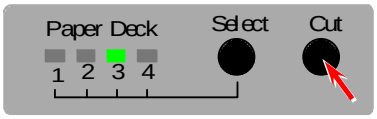



Operate as follows for making Initial Cut.

1. Select any Roll Deck number pressing the Roll Deck Selection Key. Green light turns on for the selected Roll Deck number. Initial Cut will be done for selected roll media.




2. Press the Cut Key. The roll media of the selected Roll Deck is automatically transported and its leading edge is cut off. The portion of media after the cut is automatically ejected.




**NOTE**

When the KIP Color 80 is not available for the Initial Cut by some reason like “warm up” or “door open”, all of 4 lamps of the Roll Deck Selection Indicator go off.

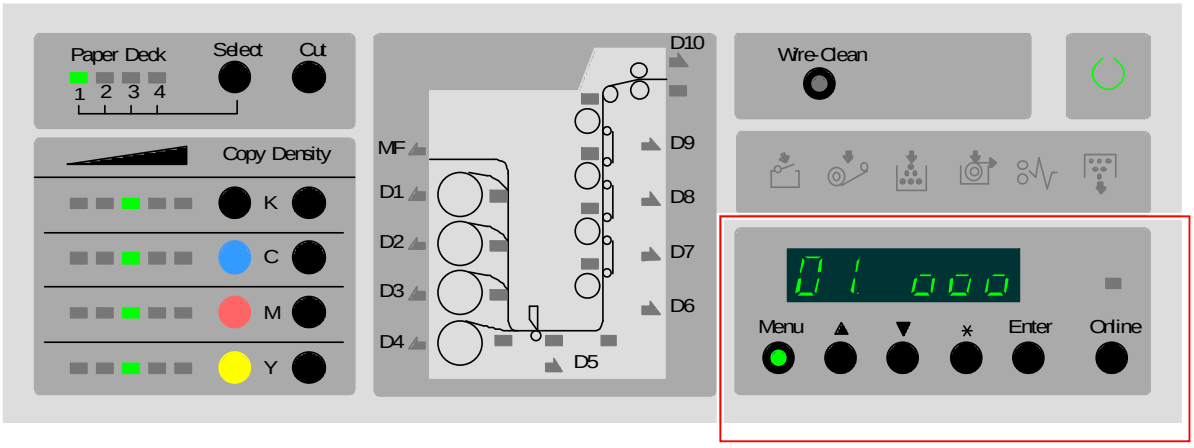
Some Media manufactures / suppliers place tape or adhesive on the edge of the media to prevent it from unrolling in the package. Any adhesive that remains on the media and is transported through the printer will cause internal parts to become damaged or dirty. **REMOVE THIS AREA OF THE MEDIA MANUALLY PRIOR TO INSTALLING THE ROLL IN THE PRINTER.**

# 2. 9 User Modes

KIP Color 80 provides 14 User Modes. **Please note that not all of these modes are to be used and are meant more for service functions.**

| User Mode No. | Description | User Mode Code |
|---|---|---|
| User Mode 01 | Test Print Start Mode | 01. |
| User Mode 02 | Warm Sleep Mode setting (ON/OFF, Timer) | 02. |
| User Mode 03 | Cold Sleep Mode setting (Timer) | 03. |
| User Mode 04 | Temporary clearance of E-2132 | 04. |
| User Mode 05 | Temporary clearance of E-2232 | 05. |
| User Mode 06 | Temporary clearance of E-2332 | 06. |
| User Mode 07 | Temporary clearance of E-2432 | 07. |
| User Mode 08 | Temporary clearance of E-2142 | 08. |
| User Mode 09 | Temporary clearance of E-2242 | 09. |
| User Mode 10 | Temporary clearance of E-2342 | 10. |
| User Mode 11 | Temporary clearance of E-2442 | 11. |
| User Mode 12 | Test Print setting – Output mode | 12. |
| User Mode 13 | Test Print setting - Selection of Roll Deck | 13. |
| User Mode 14 | Test Print setting - Selection of media type (type #X) | 14. |

All the operations in the User Mode are done on the following region of the Operation Panel.



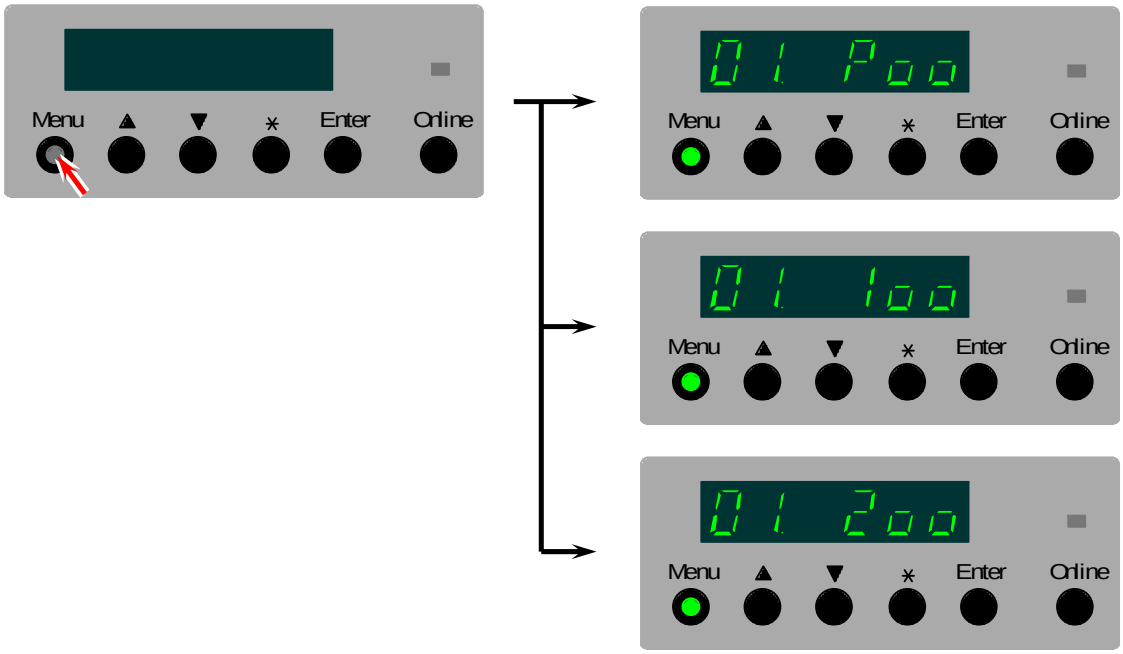
## 2. 9. 1 User Mode 01 (Test Print Start Mode)

User Mode 01 can start a Test Print.

> **NOTE**
>
> When test print is started from User Mode 01, KC80 will perform test printing depending on your specification for “output mode”, “roll deck” and “media type” which can be specified in different user modes respectively. See the following sections for more details.
>
> [1.2.9.12 User Mode 12 (Test Print setting – Output mode)] on page 1-64
> [1.2.9.13 User Mode 13 (Test Print setting - Selection of Roll Deck)] on page 1-66
> [1.2.9.14 User Mode 14 (Test Print setting - Selection of media type [type #X])] on page 1-68

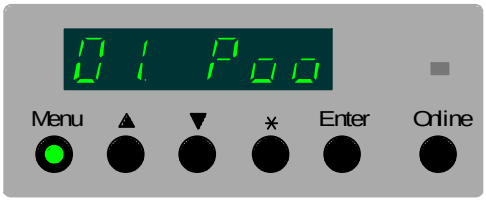
[Operation]

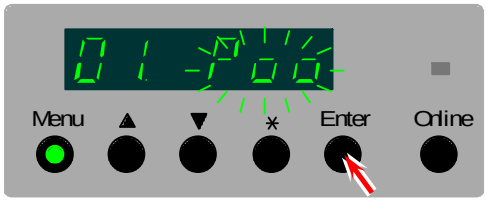
1. Press the Menu Key once to select the User Mode 01. The Status Display indicates any of “01.Poo”, “01.1oo” and “01.2oo”.




> **NOTE**
>
> The selection of output mode specified in User Mode 12 decides which code is indicated on the LCD at this time. The LCD indicates;
>
> - “01.Poo” when the output mode is set to “Prn” (Normal test print).
> - “01.1oo” when the output mode is set to “C_1” (Color Registration V calibration).
> - “01.2oo” when the output mode is set to “C_2” (Color Registration H calibration).

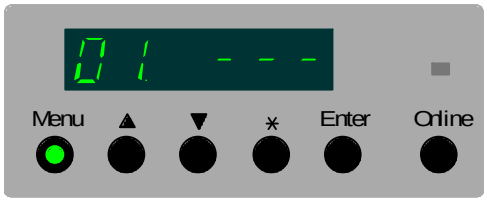
2. Press the Enter Key to start test printing. The KIP Color 80 will perform test printing depending on your test print settings. “Poo” (or “1oo”, “2oo”) on the Status Display flashes during printing.



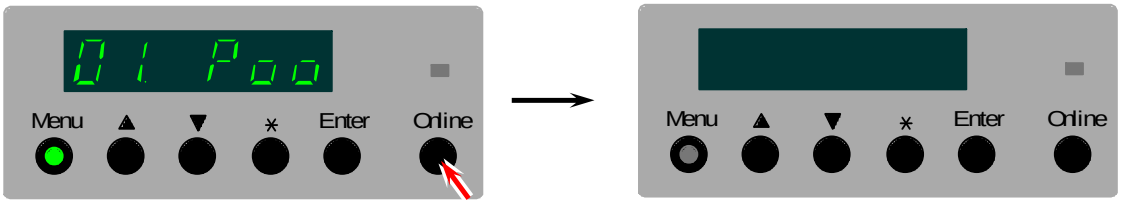

**NOTE**

(1) Test print is not available when “- - -” lights.




(2) If test print is started with setting the output mode to “Color Registration V calibration” (“1oo” on LCD) or “Color Registration H calibration” (“2oo”), KC80 will print out an exclusive pattern on 3 different lengths of sheets. Color Registration V or H is calibrated at this time. Ask your service personnel for the detail of Color Registrations V and H.

3. Press the Online Key to cancel the User Mode 01.




**NOTE**

Online Key will cancel the User Mode 01 when in any stage of the setting.

## 2. 9. 2 User Mode 02 (Warm Sleep Mode)

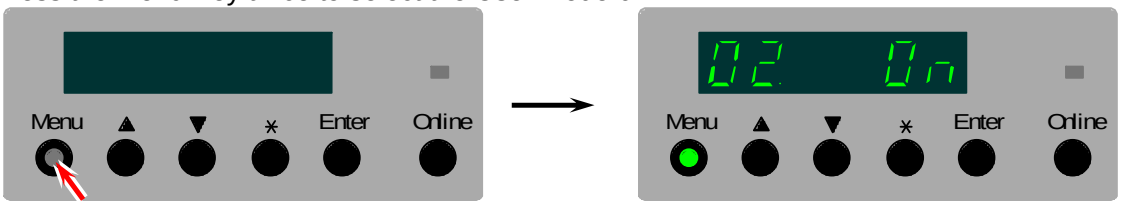
Warm Sleep Mode can be worked or cancelled, and the timer setting is available as well if Warm Sleep Mode is worked.

**Reference**

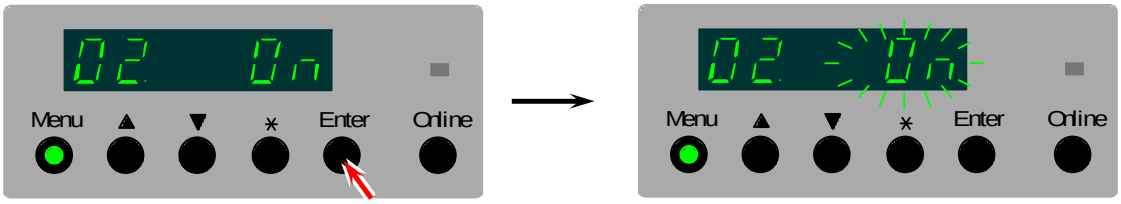
Warm Sleep Mode is a kind of power saving mode. It works when the KIP Color 80 does not print for the time the timer specifies. Power consumption is reduced by maintaining the temperature of fuser at a lower degree than usual stand by state.
Warm Sleep Mode will be cancelled automatically when a print job or a copy job is sent from the outer device. However it may take time until the KIP Color 80 starts printing as it needs to recover enough temperature on the fuser. (Print does not start until the KIP Color 80 gets ready recovering enough temperature.)

[Operation]

1. Press the Menu Key twice to select the User Mode 02.

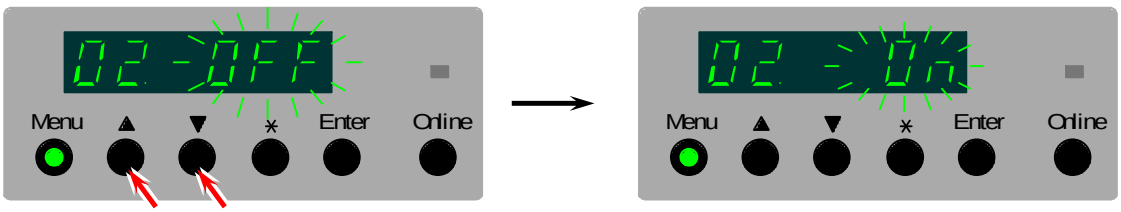



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.

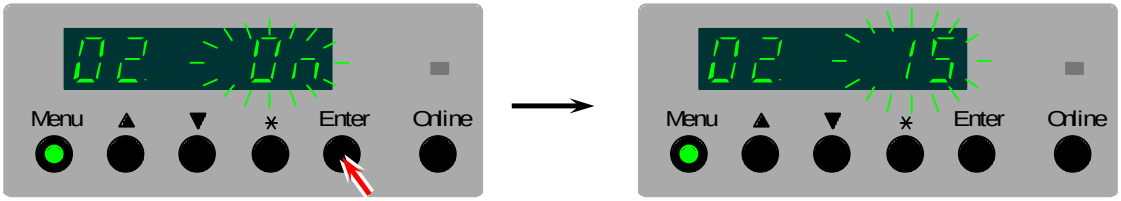



3. ON/OFF selection for the Warm Sleep Mode can be specified at first. Select “On” for making the Warm Sleep Mode work, and select “OFF” for cancelling it. “On” and “OFF” can be switched with pressing [ ▲] and [ ▼] keys.

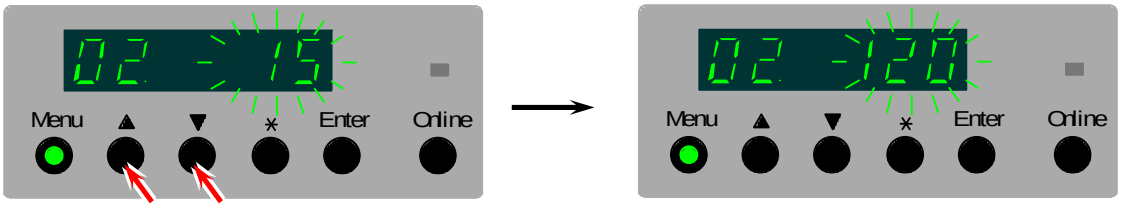
   On : Warm Sleep ON (enabled)
   OFF: Warm Sleep OFF (disabled)



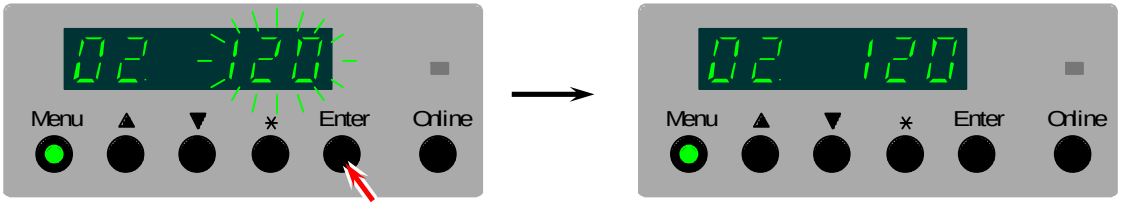
4. Press the Enter Key to decide the ON/OFF setting. Then the next setting item “timer setting” becomes available to change. (Setting will be finished when “oFF” was selected.)



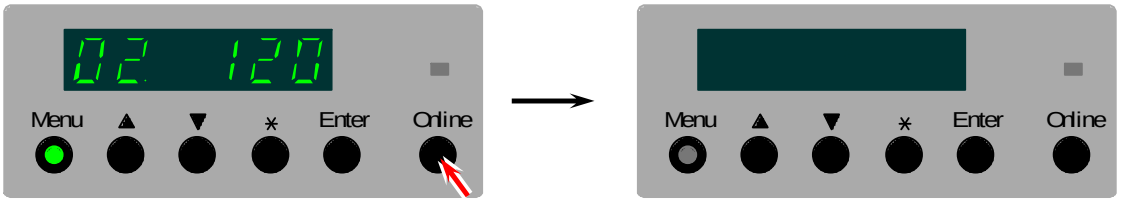

5. Set the timer for the Warm Sleep Mode selecting a required time pressing [▲ ] and [ ▼] keys. Selectable timers are 10, 15, 20, 30, 40, 50, 60, 90, 120, 180, and 240 minutes.




6. Decide the timer pressing the Enter Key. The setting value stops flashing when decided.




7. Press the Online Key to cancel the User Mode 02.




**⚠ NOTE**

Online Key will cancel the User Mode 02 when in any stage of the setting. The setting value on changing is not saved in this case.

## 2. 9. 3 User Mode 03 (Cold Sleep Mode setting)

The timer setting for the Cold Sleep Mode is available.

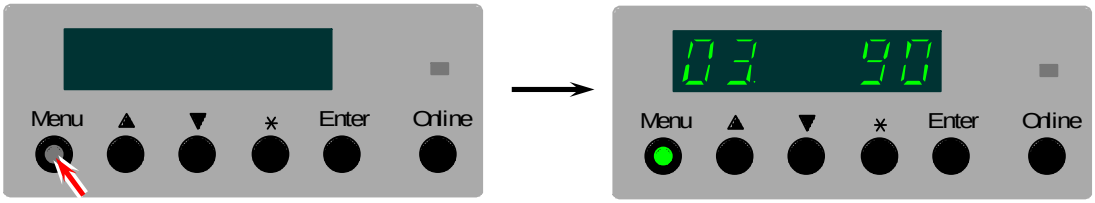
**Reference**

(1) Cold Sleep Mode is a kind of power saving mode that can save more power than Warm Sleep Mode. It works when the KIP Color 80 does not print for the time the timer specifies. Power consumption is reduced greatly by completely shutting off supplying the power to the fuser unit.
The Cold Sleep Mode will be cancelled automatically when a print job or a copy job is sent from the outer device. However it may take time until the KIP Color 80 starts printing as it needs to recover enough temperature on the fuser. (Print does not start until the KIP Color 80 becomes ready recovering enough temperature.) Note that the Cold Sleep Mode will require
longer recovering time than Warm Sleep.

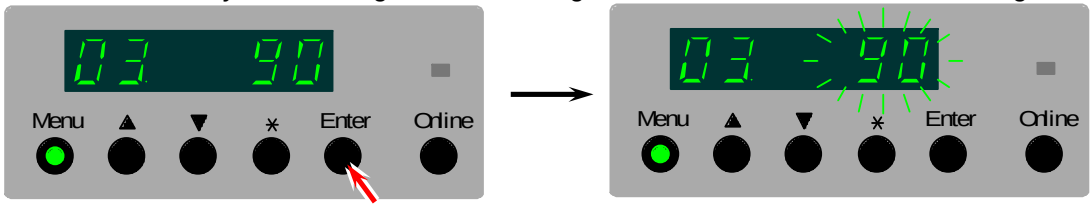
(2) Cold Sleep Mode works prior to the Warm Sleep Mode.
Supposing the timer is set as;
"30 minutes" for the Warm Sleep Mode
"15 minutes" for the Cold Sleep Mode
In this case the Cold Sleep Mode works 15 minutes later but the Warm Sleep Mode does not work even if 30 minutes passes.
Supposing the timer is set as;
"15 minutes" for the Warm Sleep Mode
"30 minutes" for the Cold Sleep Mode
In this case the Warm Sleep Mode works 15 minutes later and the Cold Sleep Mode works 30 minutes later.

[Operation]

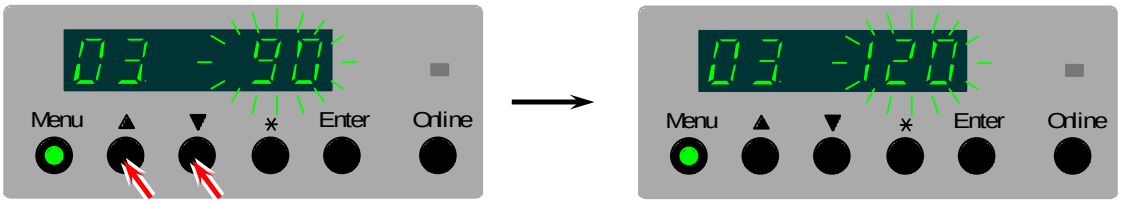
1. Press the Menu Key 3 times to select the User Mode 03.



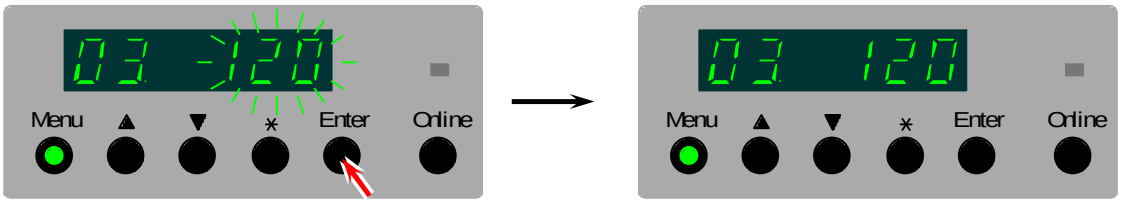

2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.



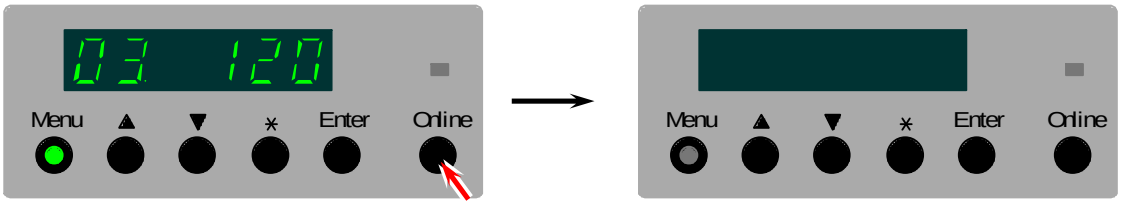
3. Set the timer for the Cold Sleep Mode selecting a required time pressing [▲ ] and [ ▼] keys. Selectable timers are 10, 15, 20, 30, 40, 50, 60, 90, 120, 180, and 240 minutes.




4. Decide the timer pressing the Enter Key. The setting value stops flashing when decided.




5. Press the Online Key to cancel the User Mode 03.




**⚠ NOTE**

Online Key will cancel the User Mode 03 when in any stage of the setting. The setting value on changing is not saved in this case.

## 2. 9. 4 User Mode 04 (Temporary clearance of E-2132)

Service call error E-2132 might be temporarily cleared by easing the error check level, which may avoid the breakdown of KIP Color 80.

**Reference**

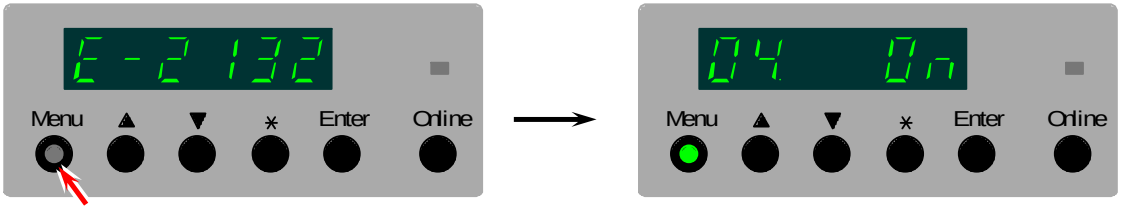
The image quality (especially the color quality) varies according to the variation of temperature of surrounding environment. To achieve a constant image quality in any environment, some printing parameters are adjusted in real time according to the temperature condition. If the real time adjustment can not work for some reason, any of service call errors E-2132, E-2232, E-2332 and E-2432 is indicated and no more print becomes available.

As the user can not clear these errors, the KIP Color 80 will continue to be in breakdown until the error is cleared by the service staff. But if the error can be temporarily cleared in the User Mode 04 by easing the error check level, the KIP Color 80 will be relieved from breakdown and you will be able to continue printing.

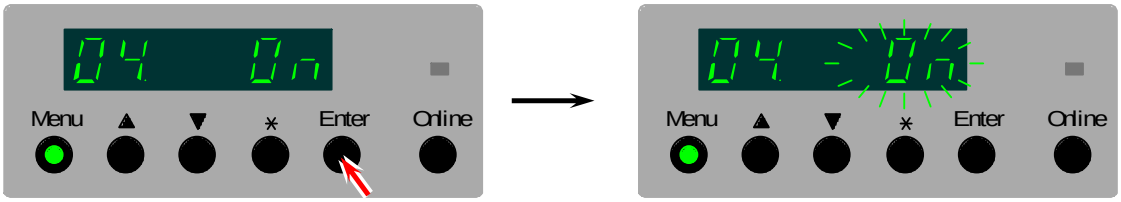
When you will clear the error by the User Mode 04 (and 05, 06, 07 as well), note that;

- Image quality may not be satisfactory as the real time adjustment does not work.
- There may be some case that the error can not be cleared even if you ease the error check level. Call the service staff immediately in this case.
- The User Mode 04 (and 05, 06, 07 as well) does not remove the real cause of error. Therefore call the service staff as soon as possible although the KIP Color 80 seems to be working fine.

1. Press the Menu Key 4 times to select the User Mode 04.

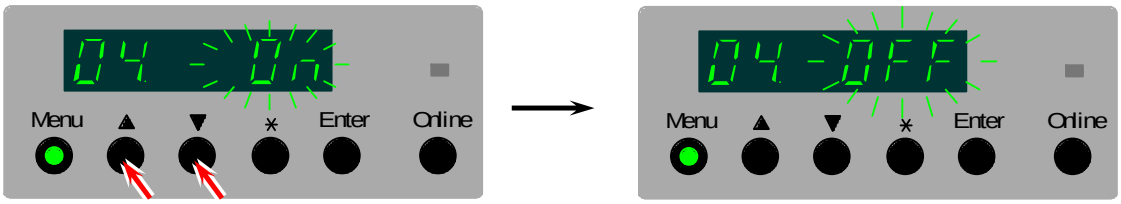



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.



3. Select “On” or “OFF” with pressing [ ▲] and [▼ ] keys.

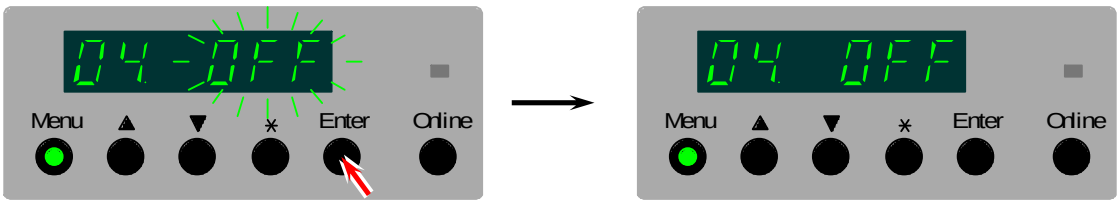
On : Normal error check level
OFF: Low error check level



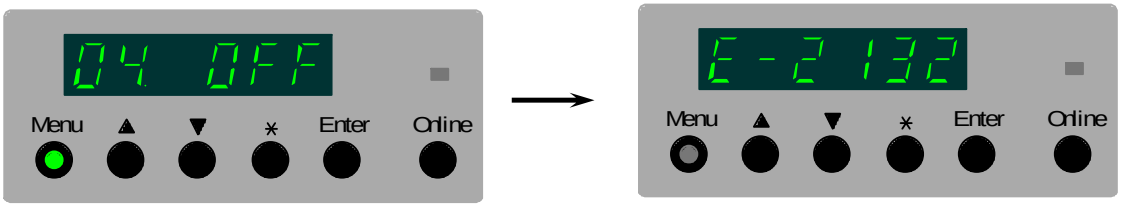

**NOTE**

Select “OFF” for cancelling the service call error E-2132.

4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.




5. Press the Online Key to cancel the User Mode 04.




**NOTE**

(1) Online Key will cancel the User Mode 04 when in any stage of the setting. The setting value on changing is not saved in this case.

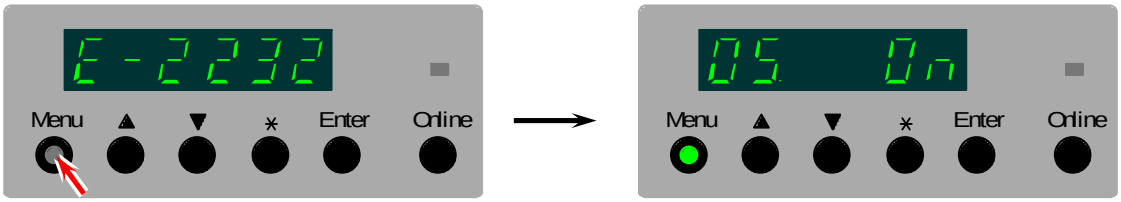
(2) The LCD will continue indicating the error code until the KIP Color 80 is rebooted.

6. Turn off/on the KC80 to reset the error code indication.

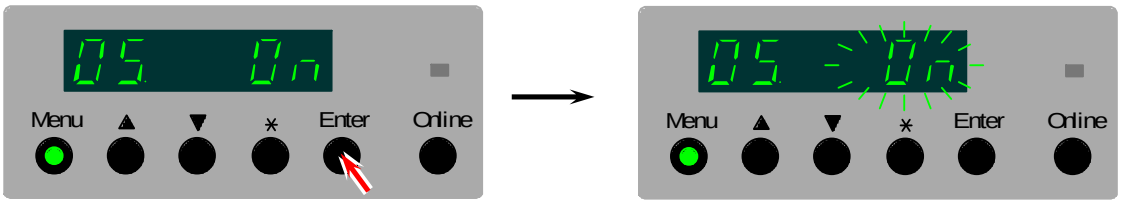
## 2. 9. 5 User Mode 05 (Temporary clearance of E-2232)

Service call error E-2232 might be temporarily cleared by easing the error check level, which may avoid the breakdown of KIP Color 80. Please see [Reference] on page 1-48 for the detail.

1. Press the Menu Key 5 times to select the User Mode 05.

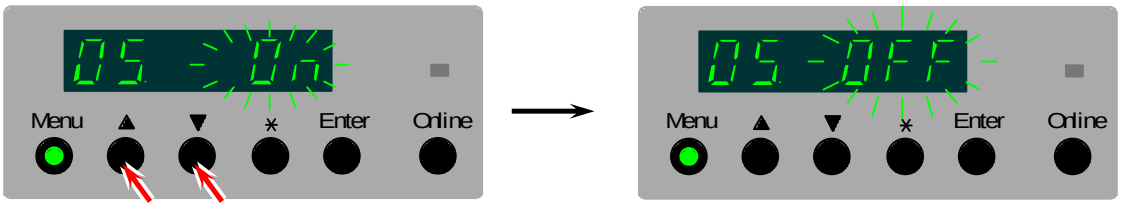



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.



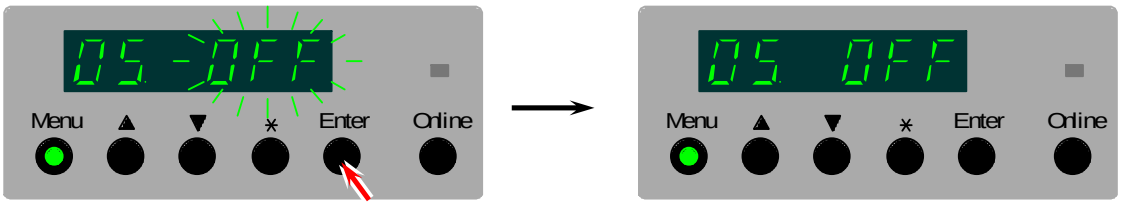

3. Select “On” or “OFF” with pressing [ ▲] and [▼ ] keys.

On : Normal error check level
OFF: Low error check level

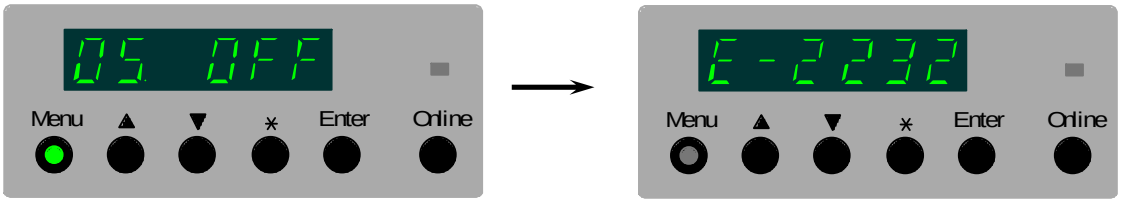



> **NOTE**
>
> Select “OFF” for cancelling the service call error E-2232.

4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.



5. Press the Online Key to cancel the User Mode 05.




**NOTE**

(1) Online Key will cancel the User Mode 05 when in any stage of the setting. The setting value on changing is not saved in this case.

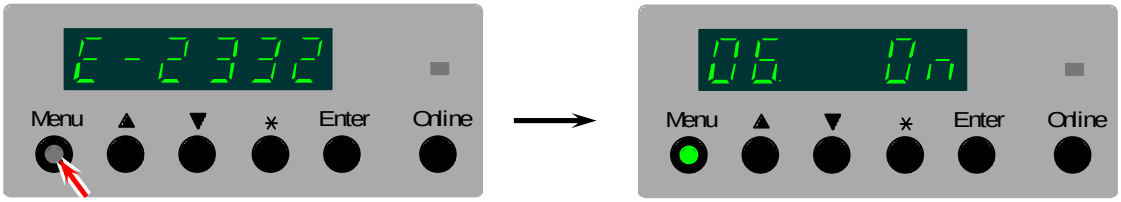
(2) The LCD will continue indicating the error code until the KIP Color 80 is rebooted.

6. Turn off/on the KC80 to reset the error code indication.

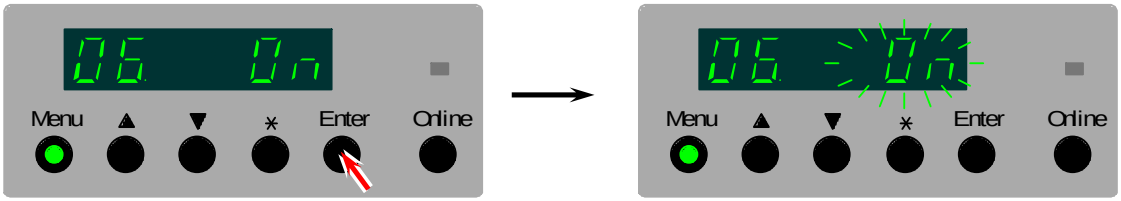
## 2. 9. 6 User Mode 06 (Temporary clearance of E-2332)

Service call error E-2332 might be temporarily cleared by easing the error check level, which may avoid the breakdown of KIP Color 80. Please see [Reference] on page 1-48 for the detail.

1. Press the Menu Key 6 times to select the User Mode 06.

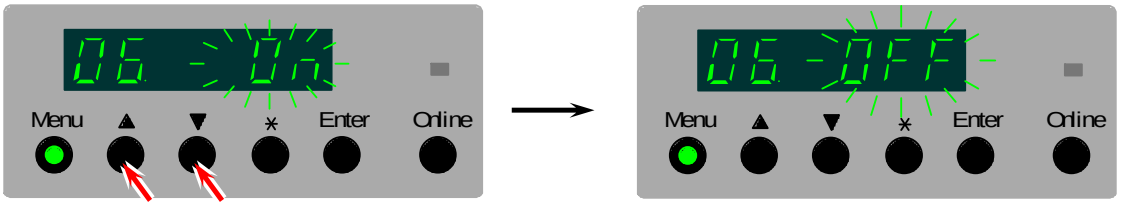



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.



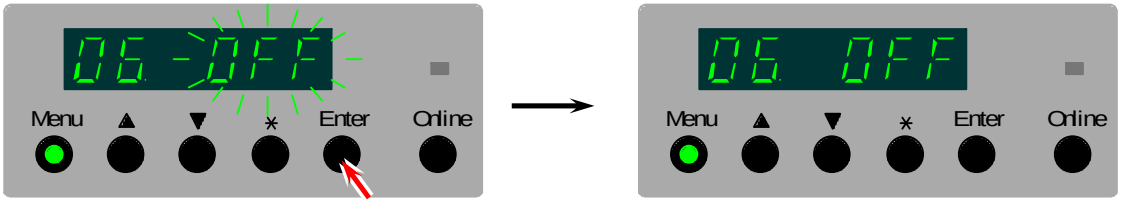

3. Select “On” or “OFF” with pressing [ ▲] and [▼ ] keys.

On : Normal error check level
OFF: Low error check level

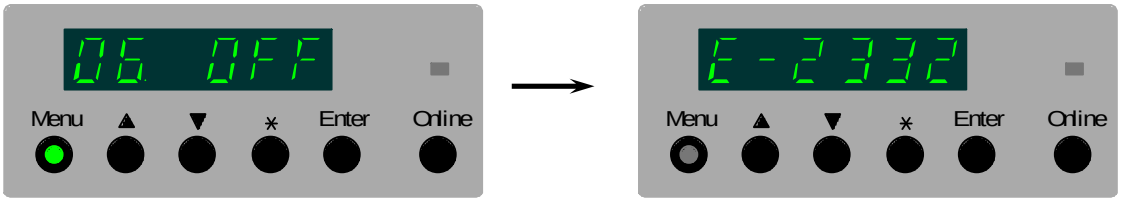



> **NOTE**
>
> Select “OFF” for cancelling the service call error E-2332.

4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.



5. Press the Online Key to cancel the User Mode 06.




**NOTE**

(1) Online Key will cancel the User Mode 06 when in any stage of the setting. The setting value on changing is not saved in this case.

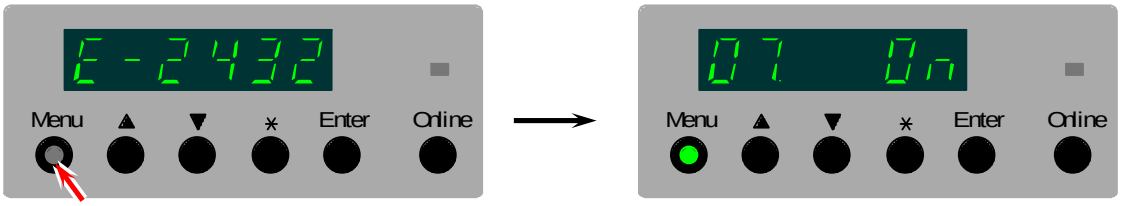
(2) The LCD will continue indicating the error code until the KIP Color 80 is rebooted.

6. Turn off/on the KC80 to reset the error code indication.

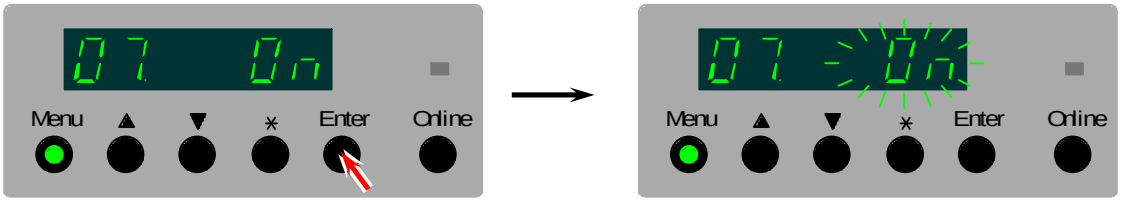
## 2. 9. 7 User Mode 07 (Temporary clearance of E-2432)

Service call error E-2432 might be temporarily cleared by easing the error check level, which may avoid the breakdown of KIP Color 80. Please see [Reference] on page 1-48 for the detail.

1. Press the Menu Key 7 times to select the User Mode 07.

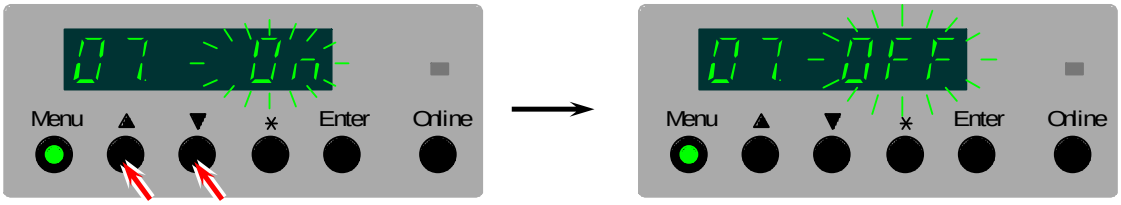



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.



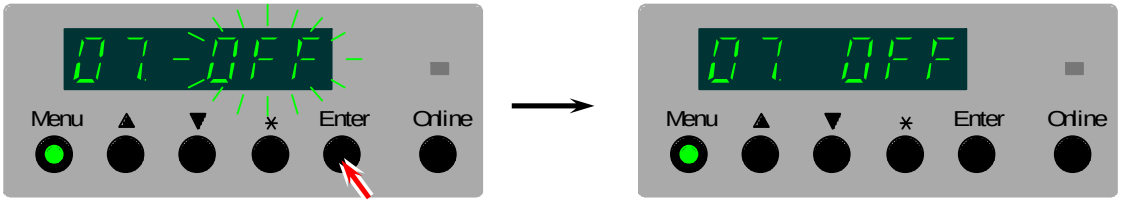

3. Select “On” or “OFF” with pressing [ ▲] and [▼ ] keys.

On : Normal error check level
OFF: Low error check level

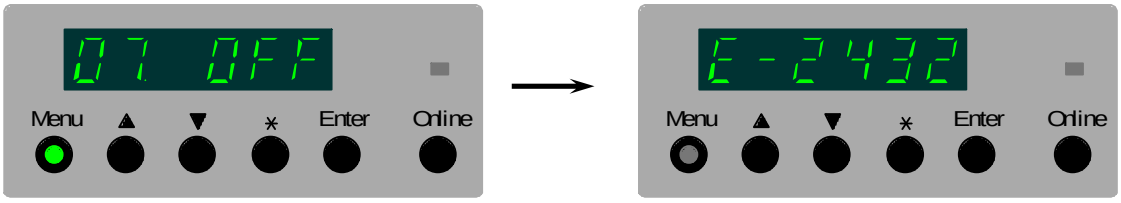



> **NOTE**
>
> Select “OFF” for cancelling the service call error E-2432.

4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.



5. Press the Online Key to cancel the User Mode 07.




**NOTE**

(1) Online Key will cancel the User Mode 07 when in any stage of the setting. The setting value on changing is not saved in this case.

(2) The LCD will continue indicating the error code until the KIP Color 80 is rebooted.

6. Turn off/on the KC80 to reset the error code indication.

## 2. 9. 8 User Mode 08 (Temporary clearance of E-2142)

Service call errors E-2142 might be temporarily cleared by easing the error check level, which may avoid the breakdown of KIP Color 80.

**Reference**

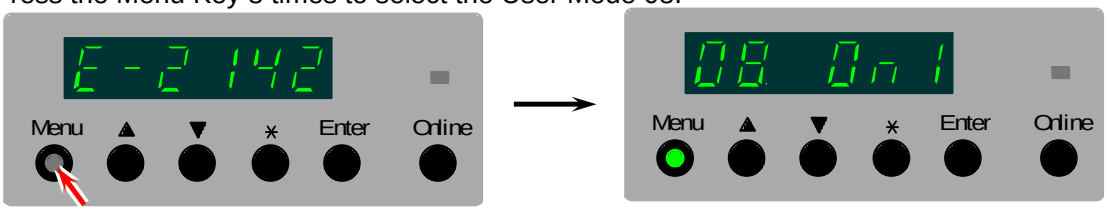
The image quality (especially the color quality) varies according to the variation of temperature of surrounding environment. To achieve a constant image quality in any environment, some printing parameters are adjusted in real time according to the temperature condition. If the real time adjustment can not work for some reason, any of service call errors E-2142, E-2242, E-2342 and E-2442 is indicated and no more print becomes available.

As the user can not clear these errors, the KIP Color 80 will continue to be in breakdown until the error is cleared by the service staff. But if the error can be temporarily cleared in the User Mode 04 by easing the error check level, the KIP Color 80 will be relieved from breakdown and you will be able to continue printing.

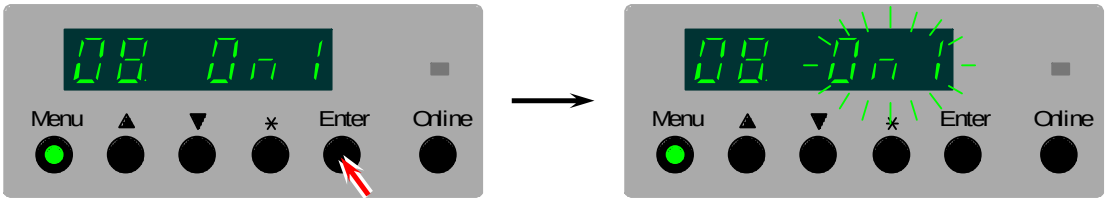
When you will clear the error by the User Mode 08 (and 09, 0A, 0b as well), note that;

- Image quality may not be satisfactory as the real time adjustment does not work.
- There may be some case that the error can not be cleared even if you ease the error check level. Call the service staff immediately in this case.
- The User Mode 08 (and 09, 0A, 0b as well) does not remove the real cause of error. Therefore call the service staff as soon as possible although the KIP Color 80 seems to be working fine.

1. Press the Menu Key 8 times to select the User Mode 08.

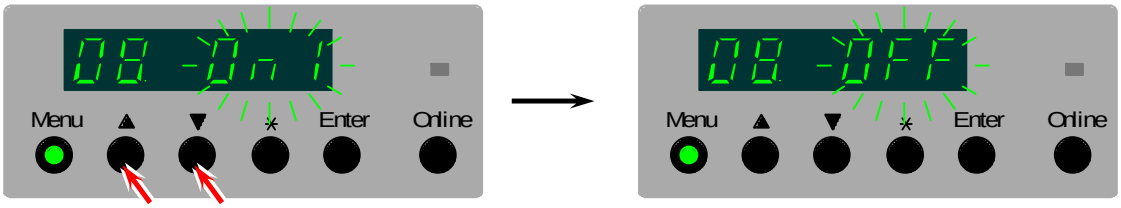



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.



3. Select any of “OFF”, “On1” and “On2” with pressing [ ▲ ] and [▼ ] keys.

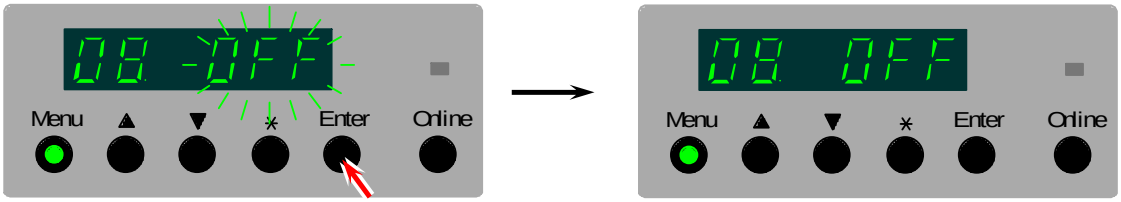
OFF : Low error check level
On1 : Normal error check level
On2 : High error check level



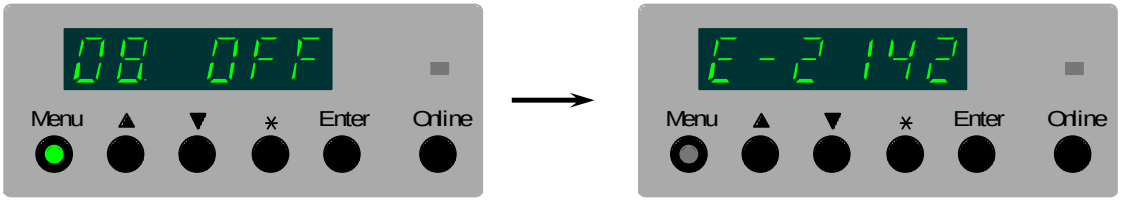

**NOTE**

Select lower error check level for cancelling the service call error E-2142.

4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.




5. Press the Online Key to cancel the User Mode 08.




**NOTE**

(1) Online Key will cancel the User Mode 08 when in any stage of the setting. The setting value on changing is not saved in this case.

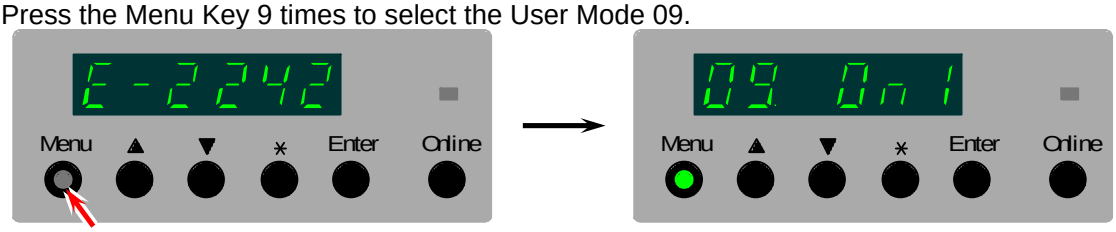
(2) The LCD will continue indicating the error code until the KIP Color 80 is rebooted.

6. Turn off/on the KC80 to reset the error code indication.

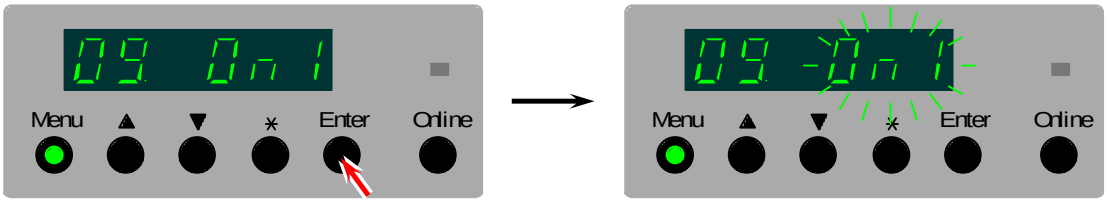
## 2. 9. 9 User Mode 09 (Temporary clearance of E-2242)

Service call error E-2242 might be temporarily cleared by easing the error check level, which may avoid the breakdown of KIP Color 80. Please see [Reference] on page 1-56 for the detail.

1. Press the Menu Key 9 times to select the User Mode 09.

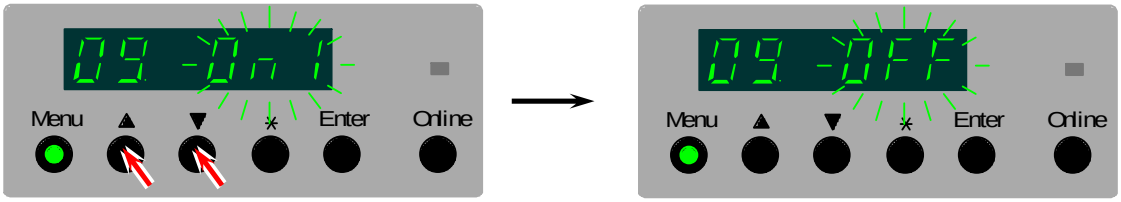



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.



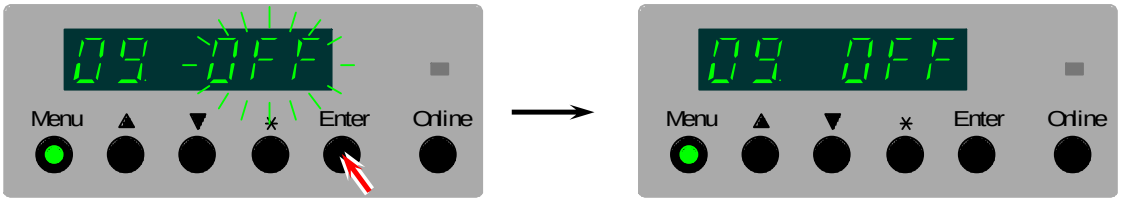

3. Select any of “OFF”, “On1” and “On2” with pressing [ ▲ ] and [▼ ] keys.

OFF : Low error check level
On1 : Normal error check level
On2 : High error check level

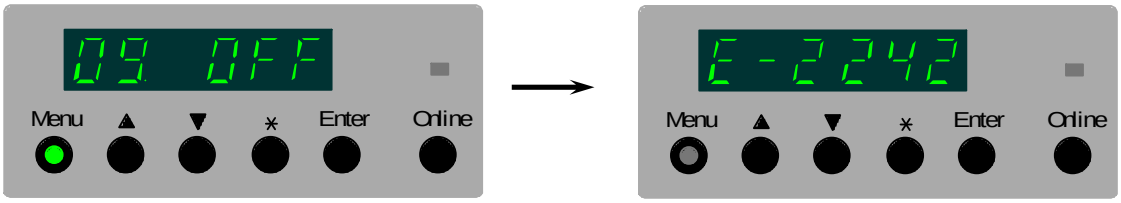



> **⚠ NOTE**
>
> Select lower error check level for cancelling the service call error E-2242.

4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.



5. Press the Online Key to cancel the User Mode 09.




**NOTE**

(1) Online Key will cancel the User Mode 09 when in any stage of the setting. The setting value on changing is not saved in this case.

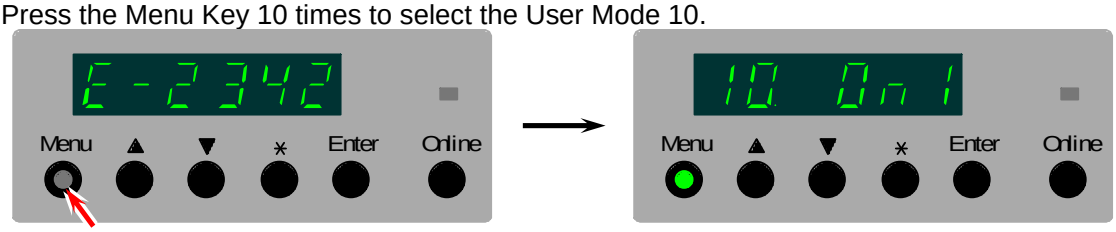
(2) The LCD will continue indicating the error code until the KIP Color 80 is rebooted.

6. Turn off/on the KC80 to reset the error code indication.

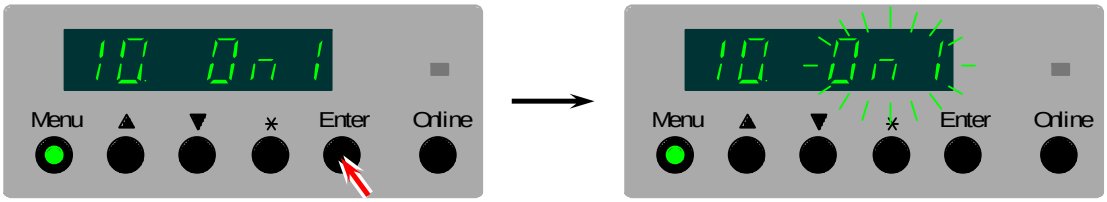
## 2. 9.10 User Mode 10 (Temporary clearance of E-2342)

Service call error E-2342 might be temporarily cleared by easing the error check level, which may avoid the breakdown of KIP Color 80. Please see [Reference] on page 1-56 for the detail.

1. Press the Menu Key 10 times to select the User Mode 10.

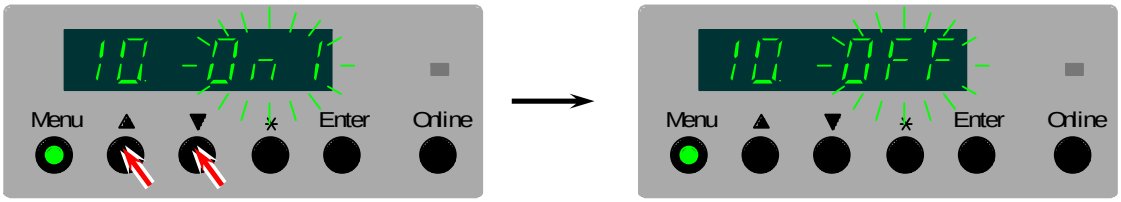



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.




3. Select any of “OFF”, “On1” and “On2” with pressing [ ▲ ] and [▼ ] keys.

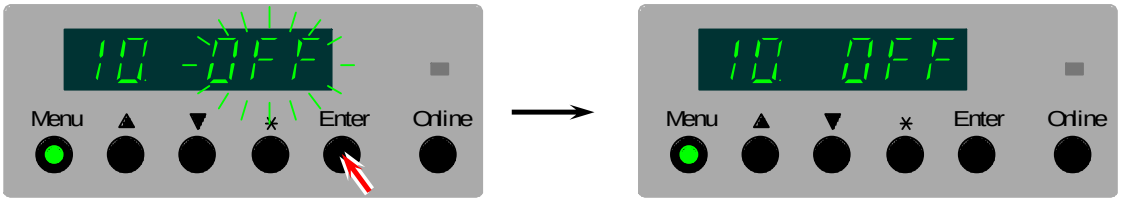
OFF: Low error check level
On1 : Normal error check level
On2 : High error check level



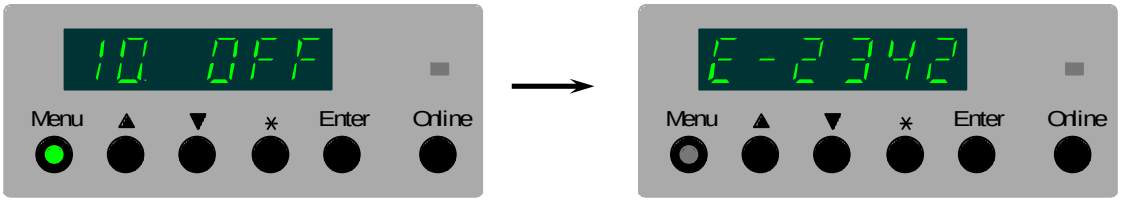

**⚠ NOTE**

Select lower error check level for cancelling the service call error E-2342.

4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.



5. Press the Online Key to cancel the User Mode 10.




**NOTE**

(1) Online Key will cancel the User Mode 10 when in any stage of the setting. The setting value on changing is not saved in this case.

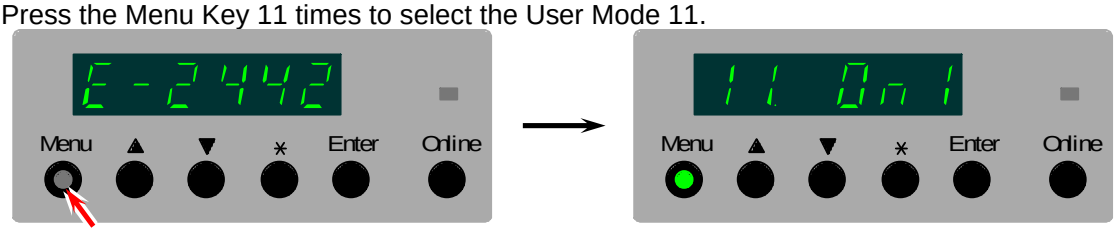
(2) The LCD will continue indicating the error code until the KIP Color 80 is rebooted.

6. Turn off/on the KC80 to reset the error code indication.

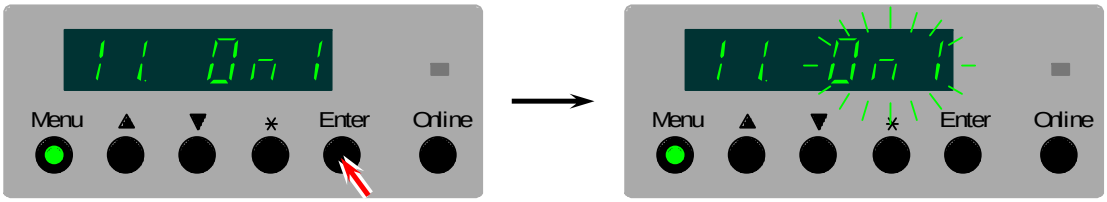
## 2. 9.11 User Mode 11 (Temporary clearance of E-2442)

Service call error E-2442 might be temporarily cleared by easing the error check level, which may avoid the breakdown of KIP Color 80. Please see [Reference] on page 1-56 for the detail.

1. Press the Menu Key 11 times to select the User Mode 11.

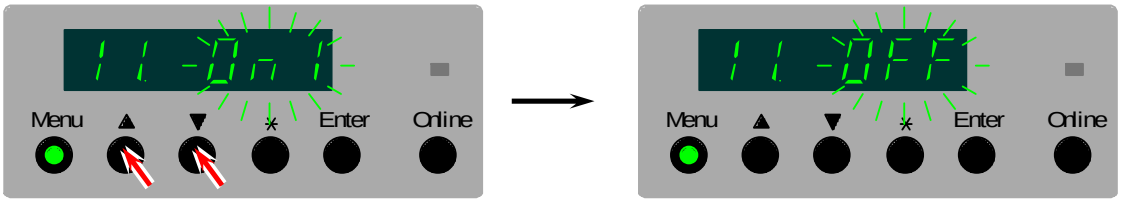



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.




3. Select any of “OFF”, “On1” and “On2” with pressing [ ▲ ] and [▼ ] keys.

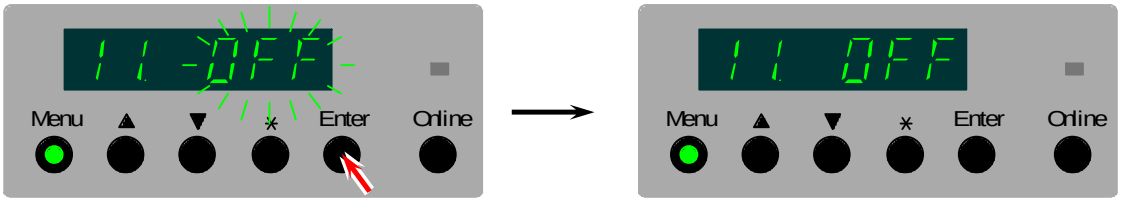
OFF: Low error check level
On1 : Normal error check level
On2 : High error check level



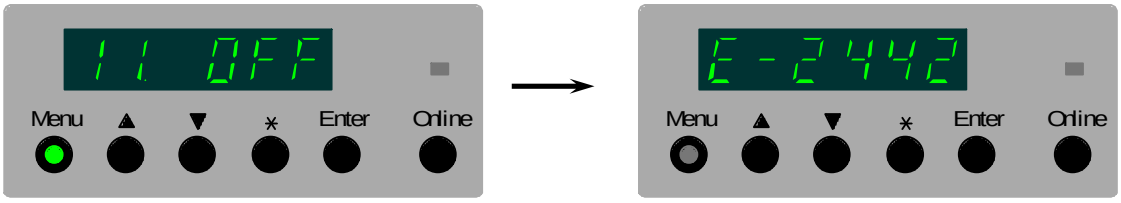

**NOTE**

Select lower error check level for cancelling the service call error E-2442.

4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.



5. Press the Online Key to cancel the User Mode 11.




**NOTE**

(1) Online Key will cancel the User Mode 11 when in any stage of the setting. The setting value on changing is not saved in this case.

(2) The LCD will continue indicating the error code until the KIP Color 80 is rebooted.

6. Turn off/on the KC80 to reset the error code indication.

## 2. 9.12 User Mode 12 (Test Print setting – Output mode)

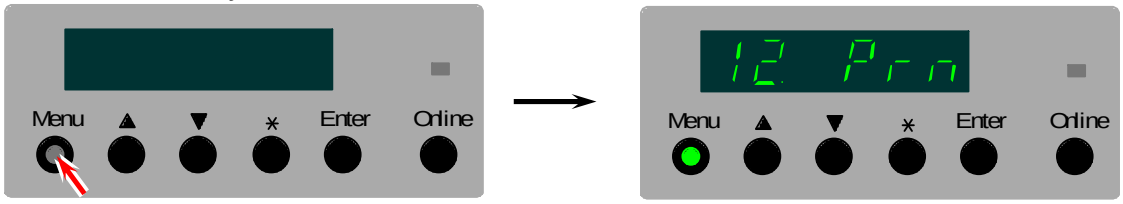
It is possible to set the output mode of Test Print to any of the following 3.

| Operation mode | Description |
|---|---|
| Normal test print mode | 1 sheet of internal test pattern is printed out. This is a popular way of test printing, and used for checking the printed image. (User can not specify the test pattern.) |
| Color Registration V calibration mode | 3 sheets of exclusive calibration pattern are printed out in different paper length. Calibration of Color Registration V is performed at the same time. |
| Color Registration H calibration mode | 1 sheet of exclusive calibration pattern is printed out. Calibration of Color Registration H is performed at the same time. |

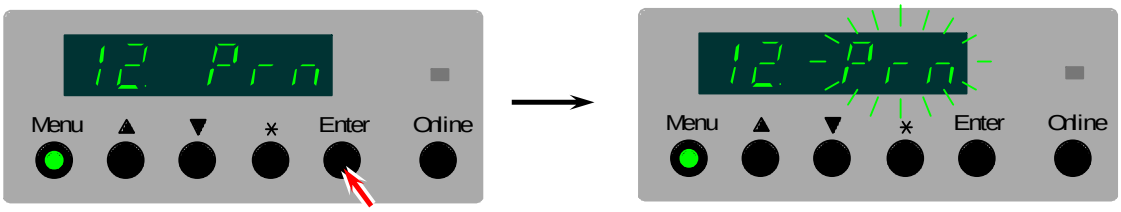
**NOTE**

"Color Registration V" and "Color Registration H" are the calibration processes to place 4 color (CMYK) images correctly on the printing media. It is unnecessary for the user to make these calibrations in usual situation. Rather, it is not recommended to make calibration unless the service personnel ask you to do so.
Ask your service personnel for more detail about Color Registrations V and H.

1. Press the Menu Key 12 times to select the User Mode 12.

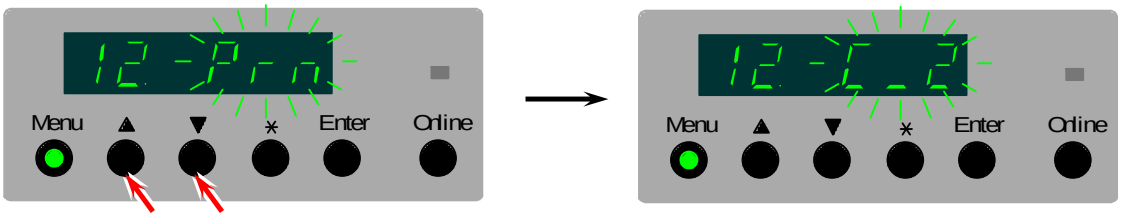



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.

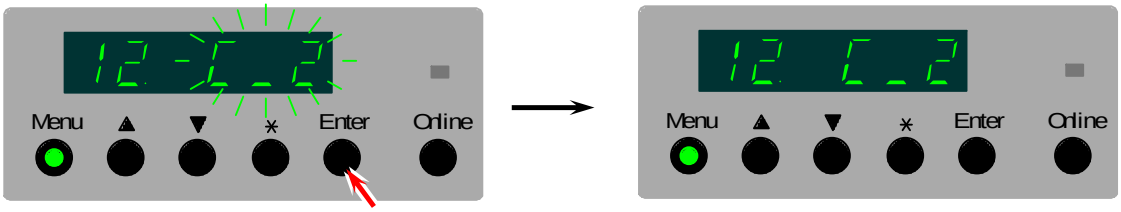


3. Select any of “Prn”, “C_1” and “C_2” with pressing [ ▲] and [▼ ] keys.

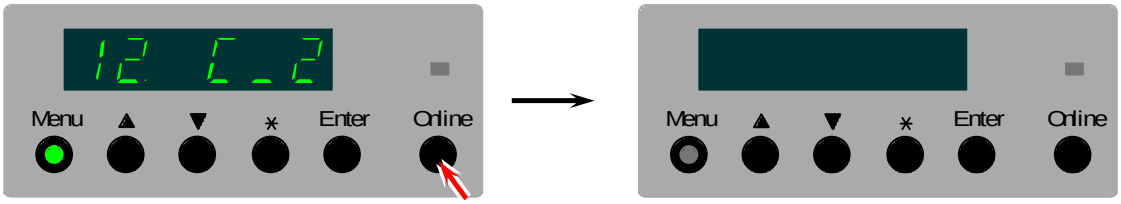
Prn : Normal test print mode
C_1 : Color Registration V calibration mode
C_2 : Color Registration H calibration mode




4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.




5. Press the Online Key to cancel the User Mode 12.



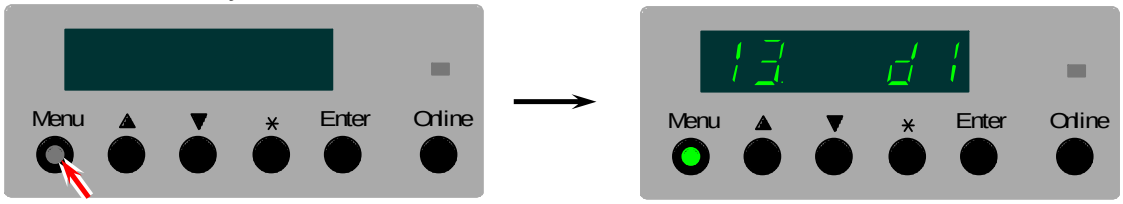

**NOTE**

Online Key will cancel the User Mode 12 when in any stage of the setting. The setting value on changing is not saved in this case.

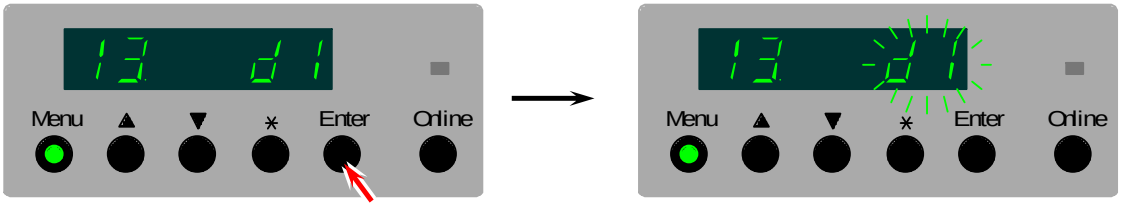
## 2. 9.13 User Mode 13 (Test Print setting - Selection of Roll Deck)

It is possible to select the Roll Deck used for test printing.

1. Press the Menu Key 13 times to select the User Mode 13.

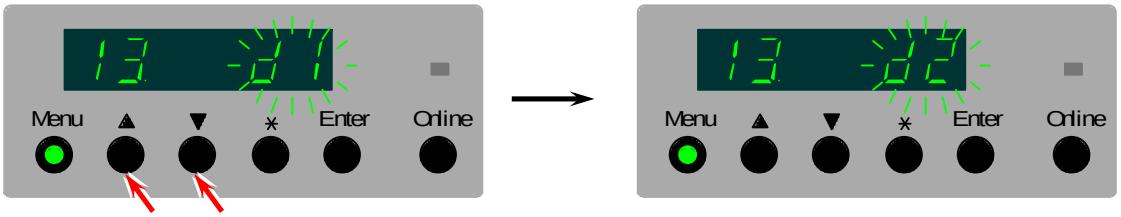



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.

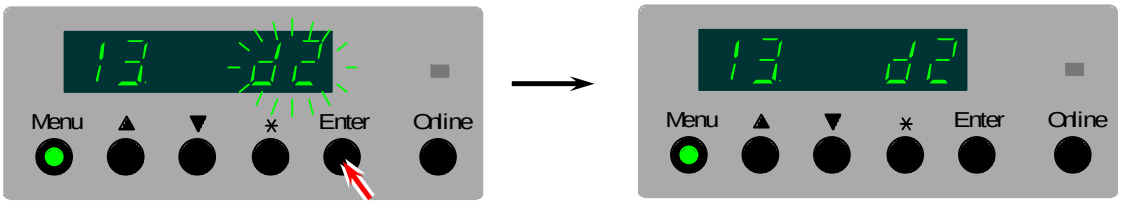



3. Select any of “d1” to “d4” with pressing [▲ ] and [▼ ] keys.

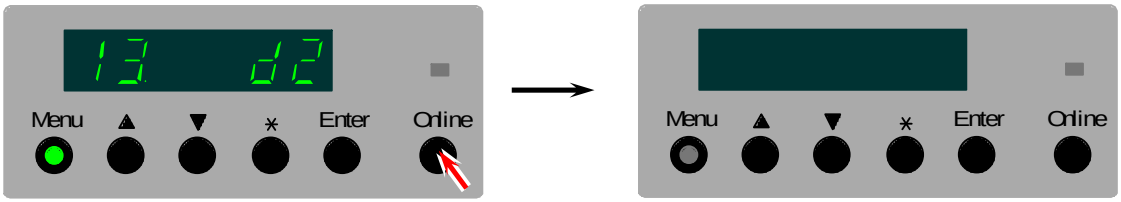
d1 : Roll Deck 1
d2 : Roll Deck 2
d3 : Roll Deck 3
d4 : Roll Deck 4




4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.



5. Press the Online Key to cancel the User Mode 13.



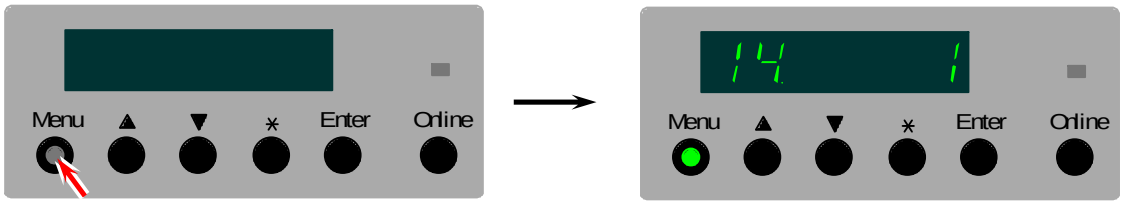

**NOTE**

Online Key will cancel the User Mode 13 when in any stage of the setting. The setting value on changing is not saved in this case.

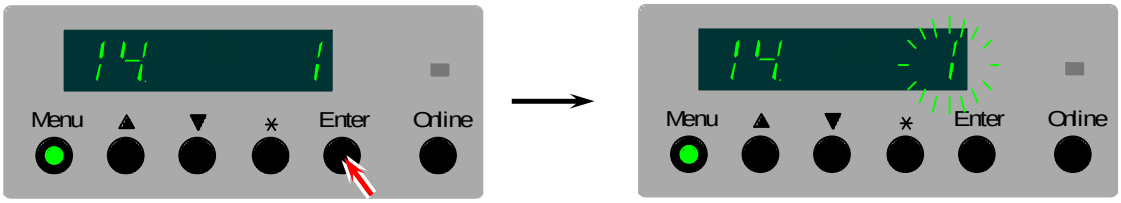
## 2. 9.14 User Mode 14
## (Test Print setting - Selection of media type [type #X])

It is possible to specify the media type (type #1 to 4) used for test printing.

1. Press the Menu Key 14 times to select the User Mode 14.

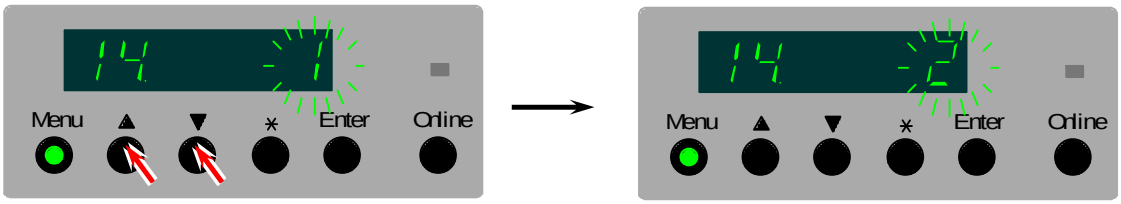



2. Press the Enter Key. The setting value on the right hand flashes and becomes changeable.

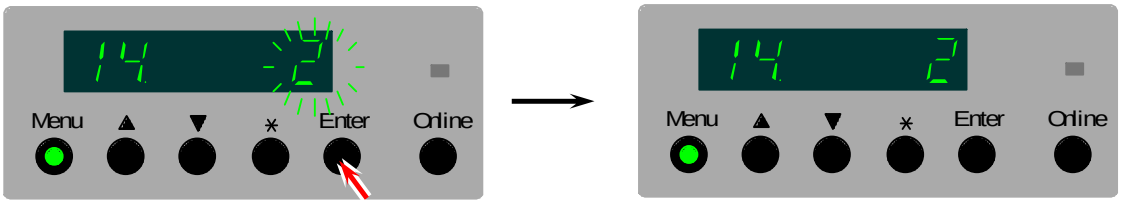



3. Select any of “1” to “4” with pressing [ ▲] and [▼ ] keys.

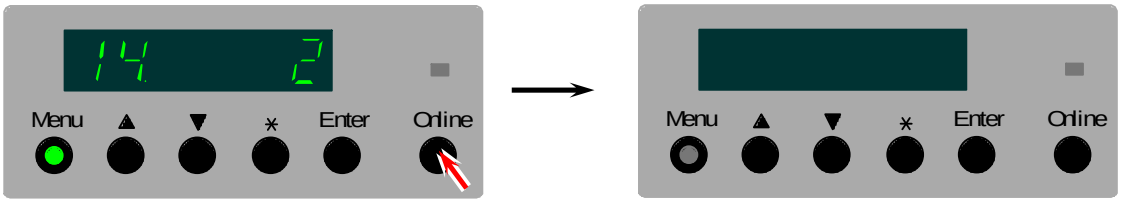
1 : Type #1
2 : Type #2
3 : Type #3
4 : Type #4




4. Decide the setting pressing the Enter Key. The setting value stops flashing when decided.



5. Press the Online Key to cancel the User Mode 14.




**NOTE**

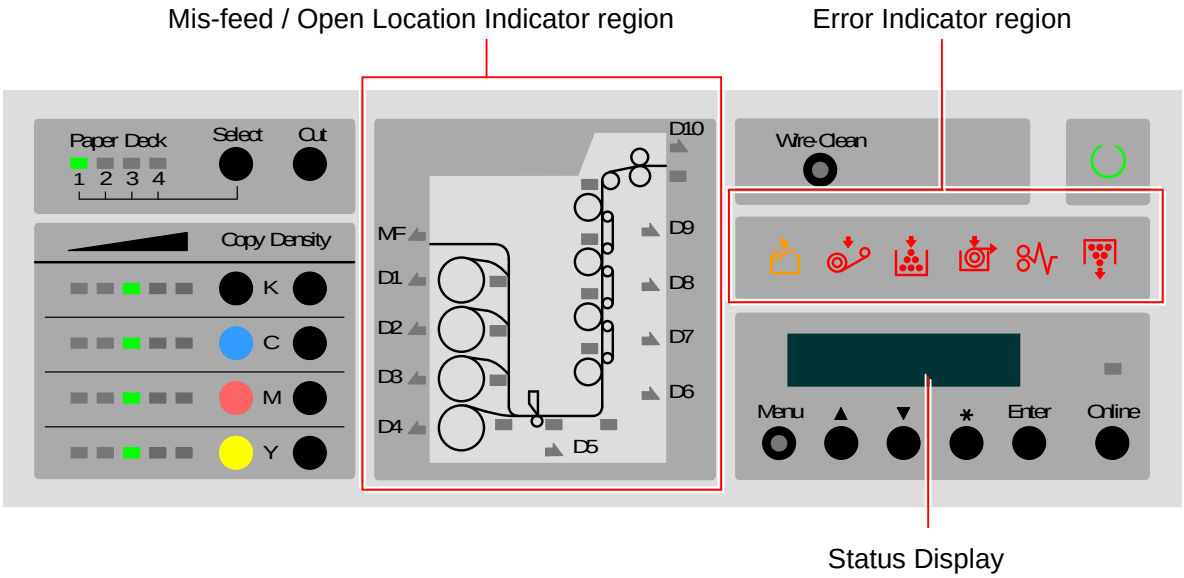
Online Key will cancel the User Mode 14 when in any stage of the setting. The setting value on changing is not saved in this case.

# 3 Error Messages

## 3. 1 General Outlines of Error Codes / Error Indications

If any error occurs on the KIP Color 80, the error type and the location are shown on the Operation Panel.

Error Indicator region indicates the type of error “by the illustration.
Mis-feed / Open Location Indicator region indicates the location of mis-feed error and open error.
The Status Display informs the description of error by indicating an error code.




The following list shows all the possible error codes and error indications. See the reference page for the solution.

| Error Code / Error Indication | Error Name | Reference page for the solution |
|---|---|---|
| J-0101 | Mis-feed around the Roll Deck 1 Region | 1-76 |
| J-0201 | | |
| J-0401 | | |
| J-0102 | Mis-feed around the Roll Deck 2 Region | 1-79 |
| J-0202 | | |
| J-0402 | | |
| J-0103 | Mis-feed around the Roll Deck 3 Region | 1-82 |
| J-0203 | | |
| J-0403 | | |
| J-0104 | Mis-feed around the Roll Deck 4 Region | 1-85 |
| J-0204 | | |
| J-0404 | | |
| J-0105 | Mis-feed around the Bypass Feeder Region | 1-88 |
| J-0205 | | |
| J-0405 | | |
| J-0111 | Mis-feed around the Cutter Region | 1-89 |
| J-0211 | | |
| J-0411 | | |

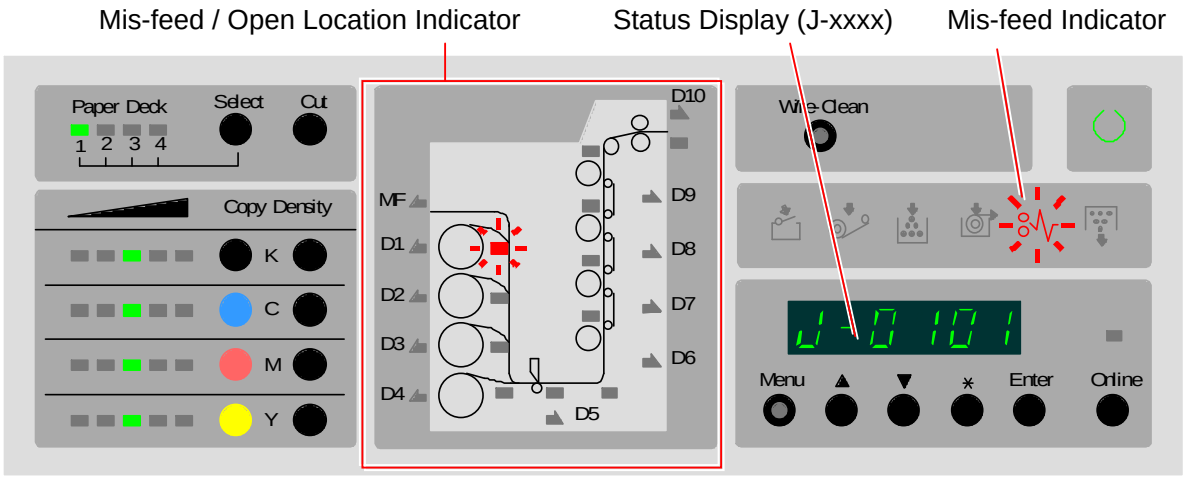
| Error Code / Error Indication | Error Name | Reference page for the solution |
|---|---|---|
| J-0112 | Mis-feed around the Bottom Corner Region | 1-92 |
| J-0212 | | |
| J-0412 | | |
| J-0121 | Mis-feed around the Transportation Unit 1 Region | 1-95 |
| J-0221 | | |
| J-0421 | | |
| J-0122 | Mis-feed around the Transportation Unit 2 Region | 1-100 |
| J-0222 | | |
| J-0422 | | |
| J-0123 | Mis-feed around the Transportation Unit 3 Region | 1-105 |
| J-0223 | | |
| J-0423 | | |
| J-0124 | Mis-feed around the Transportation Unit 4 Region | 1-110 |
| J-0224 | | |
| J-0424 | | |
| J-0131 | Mis-feed in the Fuser Region | 1-114 |
| J-0231 | | |
| J-0431 | | |
| J-0181 | Mis-feed in the Auto Stacker | - |
| J-0281 | | |
| J-0481 | | |
| J-0182 | Mis-feed in the Folder | - |
| J-0282 | | |
| J-0482 | | |
| U-0101 | Roll Deck 1 open | 1-121 |
| U-0102 | Roll Deck 2 open | 1-121 |
| U-0103 | Roll Deck 3 open | 1-121 |
| U-0104 | Roll Deck 4 open | 1-122 |
| U-0110 | Interlock open | 1-122 |
| U-0111 | Bypass Feeder open | 1-123 |
| U-0112 | Right Side Door open | 1-123 |
| U-0120 | Transportation Unit 1 open | 1-123 |
| U-0121 | Transportation Unit 2 open | 1-124 |
| U-0122 | Transportation Unit 3 open | 1-124 |
| U-0123 | Transportation Unit 4 open | 1-124 |
| U-0130 | Fuser Cover open | 1-125 |
| U-0131 | Fuser Upper Cover open | 1-125 |
| U-0140 | Waste Toner Door open | 1-125 |
| U-0141 | | 1-120 |
| U-0142 | | 1-120 |
| U-0143 | | 1-120 |
| U-0144 | | 1-120 |
| U-0150 | Waste Toner Box is not set | 1-126 |
| U-01A1 | Folder Cover is open | 1-126 |
| Open Indicator | | 1-131 |
| Web Cleaner Empty Indicator | | 1-132 |
| Toner Empty Indicator | | 1-132 |
| Roll Empty Indicator | | 1-133 |
| Mis-feed Indicator | | 1-134 |
| Waste Toner Full Indicator | | 1-135 |

| Error Code / Error Indication | Error Name | Reference page for the solution |
|---|---|---|
| E-0001 | Fuser temperature rising error | 1-127 |
| E-0002 | Fuser abnormal high temperature error | 1-127 |
| E-0020 | Fuser thermostat error | 1-127 |
| E-0011 | Web feeding error | 1-127 |
| E-0051 | Web end error | 1-127 |
| E-1012 | Registration roller motor 4 error | 1-127 |
| E-1114 | Transportation unit 1 motor error | 1-127 |
| E-1214 | Transportation unit 2 motor error | 1-127 |
| E-1314 | Transportation unit 3 motor error | 1-127 |
| E-1021 | Cutter error | 1-127 |
| E-2010 | Waste toner motor error | 1-127 |
| E-2111 | Drum motor 1 error | 1-127 |
| E-2112 | Developer motor 1 error | 1-127 |
| E-2113 | Developer press motor 1 error | 1-127 |
| E-2114 | Image corona 1 cleaning error (Delay) | 1-127 |
| E-2115 | Image corona 1 cleaning error (Early) | 1-127 |
| E-2116 | Image corona 1 cleaning error (Over current) | 1-127 |
| E-2117 | Toner cartridge motor 1 error | 1-127 |
| E-2121 | Image corona 1 output error | 1-127 |
| E-2122 | Transfer corona 1 output error | 1-127 |
| E-2123 | Separation corona 1 output error | 1-127 |
| E-2124 | Developer bias 1 output error | 1-127 |
| E-2131 | Surface potential sensor 1 error | 1-127 |
| E-2132 | Automatic surface potential control 1 error | 1-127 |
| E-2141 | Density sensor 1 error | 1-127 |
| E-2142 | Automatic density control 1 error | 1-127 |
| E-2150 | Developer unit 1 missing error | 1-127 |
| E-2161 | Head 1 error (LED head unit 1) | 1-127 |
| E-2162 | Head 2 error (LED head unit 1) | 1-127 |
| E-2163 | Head 3 error (LED head unit 1) | 1-127 |
| E-2211 | Drum motor 2 error | 1-127 |
| E-2212 | Developer motor 2 error | 1-127 |
| E-2213 | Developer press motor 2 error | 1-127 |
| E-2214 | Image corona 2 cleaning error (Delay) | 1-127 |
| E-2215 | Image corona 2 cleaning error (Early) | 1-127 |
| E-2216 | Image corona 2 cleaning error (Over current) | 1-127 |
| E-2217 | Toner cartridge motor 2 error | 1-127 |
| E-2221 | Image corona 2 output error | 1-127 |
| E-2222 | Transfer corona 2 output error | 1-127 |
| E-2223 | Separation corona 2 output error | 1-127 |
| E-2224 | Developer bias 2 output error | 1-127 |
| E-2231 | Surface potential sensor 2 error | 1-127 |
| E-2232 | Automatic surface potential control 2 error | 1-127 |
| E-2241 | Density sensor 2 error | 1-127 |
| E-2242 | Automatic density control 2 error | 1-127 |
| E-2250 | Developer unit 2 missing error | 1-127 |
| E-2261 | Head 1 error (LED head unit 2) | 1-127 |
| E-2262 | Head 2 error (LED head unit 2) | 1-127 |
| E-2263 | Head 3 error (LED head unit 2) | 1-127 |
| E-2311 | Drum motor 3 error | 1-127 |
| E-2312 | Developer motor 3 error | 1-127 |
| E-2313 | Developer press motor 3 error | 1-127 |
| E-2314 | Image corona 3 cleaning error (Delay) | 1-127 |
| E-2315 | Image corona 3 cleaning error (Early) | 1-127 |
| E-2316 | Image corona 3 cleaning error (Over current) | 1-127 |
| E-2317 | Toner cartridge motor 3 error | 1-127 |

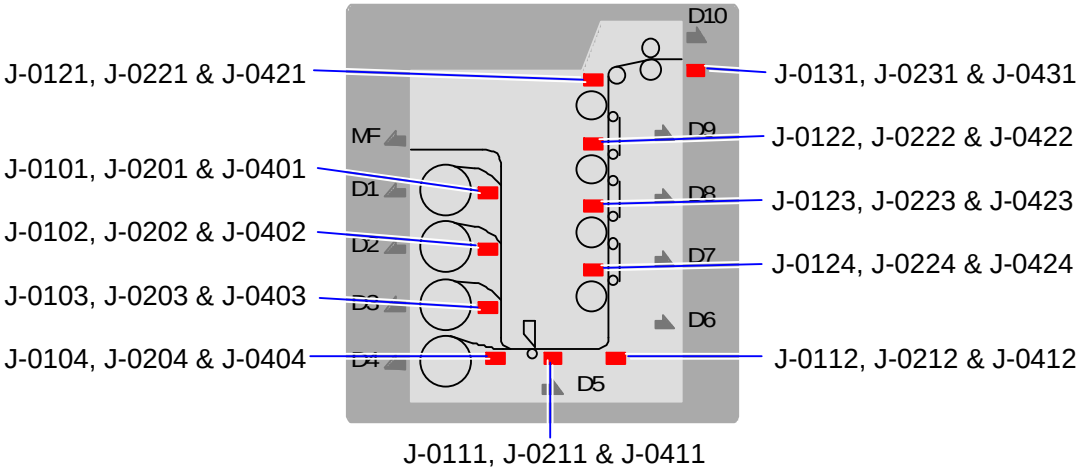
| Error Code / Error Indication | Error Name | Reference page for the solution |
|---|---|---|
| E-2321 | Image corona 3 output error | 1-127 |
| E-2322 | Transfer corona 3 output error | 1-127 |
| E-2323 | Separation corona 3 output error | 1-127 |
| E-2324 | Developer bias 3 output error | 1-127 |
| E-2331 | Surface potential sensor 3 error | 1-127 |
| E-2332 | Automatic surface potential control 3 error | 1-127 |
| E-2341 | Density sensor 3 error | 1-127 |
| E-2342 | Automatic density control 3 error | 1-127 |
| E-2350 | Developer unit 3 missing error | 1-127 |
| E-2361 | Head 1 error (LED head unit 3) | 1-127 |
| E-2362 | Head 2 error (LED head unit 3) | 1-127 |
| E-2363 | Head 3 error (LED head unit 3) | 1-127 |
| E-2411 | Drum motor 4 error | 1-127 |
| E-2412 | Developer motor 4 error | 1-127 |
| E-2413 | Developer press motor 4 error | 1-127 |
| E-2414 | Image corona 4 cleaning error (Delay) | 1-127 |
| E-2415 | Image corona 4 cleaning error (Early) | 1-127 |
| E-2416 | Image corona 4 cleaning error (Over current) | 1-127 |
| E-2417 | Toner cartridge motor 4 error | 1-127 |
| E-2421 | Image corona 4 output error | 1-127 |
| E-2422 | Transfer corona 4 output error | 1-127 |
| E-2423 | Separation corona 4 output error | 1-127 |
| E-2424 | Developer bias 4 output error | 1-127 |
| E-2431 | Surface potential sensor 4 error | 1-127 |
| E-2432 | Automatic surface potential control 4 error | 1-127 |
| E-2441 | Density sensor 4 error | 1-127 |
| E-2442 | Automatic density control 4 error | 1-127 |
| E-2450 | Developer unit 4 missing error | 1-127 |
| E-2461 | Head 1 error (LED head unit 4) | 1-127 |
| E-2462 | Head 2 error (LED head unit 4) | 1-127 |
| E-2463 | Head 3 error (LED head unit 4) | 1-127 |
| E-3001 | Color Sensor error (Process 1) | 1-127 |
| E-3002 | Color Sensor error (Process 2) | 1-127 |
| E-3003 | Color Sensor error (Process 3) | 1-127 |
| E-3004 | Color Sensor error (Process 4) | 1-127 |
| E-3011 | Color Sensor reading error (Process 1) | 1-127 |
| E-3012 | Color Sensor reading error (Process 2) | 1-127 |
| E-3013 | Color Sensor reading error (Process 3) | 1-127 |
| E-3014 | Color Sensor reading error (Process 4) | 1-127 |
| E-A001 | Flash memory writing error | 1-127 |
| E-A010 | IO board A communication error | 1-127 |
| E-A011 | IO board B communication error | 1-127 |

# 3. 2 Mis-feed Errors (Codes: J-xxxx)

If a mis-feed of printing media occurs anywhere in the KIP Color 80, the Mis-feed Indicator on the Operation Panel lights red. The location of mis-feed is noticed by the lamp indication of the Mis-feed / Open Location Indicator and the “mis-feed code” (J-xxxx) on the Status Display.



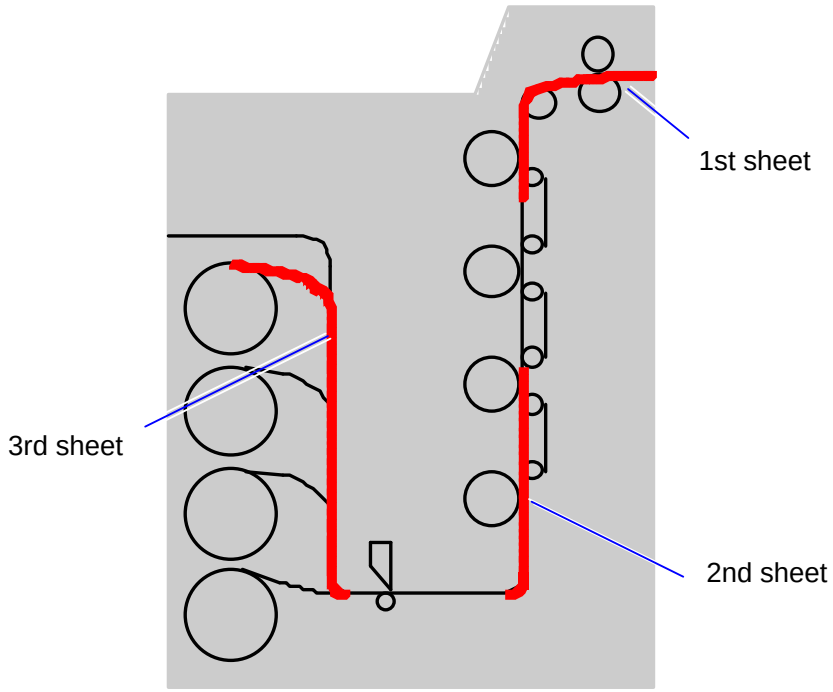

LED lamp indication on the Mis-feed / Open Location Indicator and mis-feed codes on the Status Display are related as follows. Refer to the page shown in the list for the solution of each mis-feed.




| Mis-feed code | Location of mis-feed | Refer to page ; | Mis-feed code | Location of mis-feed | Refer to page ; |
|---|---|---|---|---|---|
| J-0101 | Roll Deck 1 | 1-76 | J-0121 | Transportation Unit 1 | 1-95 |
| J-0201 | | | J-0221 | | |
| J-0401 | | | J-0421 | | |
| J-0102 | Roll Deck 2 | 1-79 | J-0122 | Transportation Unit 2 | 1-100 |
| J-0202 | | | J-0222 | | |
| J-0402 | | | J-0422 | | |
| J-0103 | Roll Deck 3 | 1-82 | J-0123 | Transportation Unit 3 | 1-105 |
| J-0203 | | | J-0223 | | |
| J-0403 | | | J-0423 | | |
| J-0104 | Roll Deck 4 | 1-85 | J-0124 | Transportation Unit 4 | 1-110 |
| J-0204 | | | J-0224 | | |
| J-0404 | | | J-0424 | | |
| J-0111 | Cutter Region | 1-89 | J-0131 | Fuser Region | 1-114 |
| J-0211 | | | J-0231 | | |
| J-0411 | | | J-0431 | | |
| J-0112 | Bottom Corner Region | 1-92 | | | |
| J-0212 | | | | | |
| J-0412 | | | | | |

## NOTE

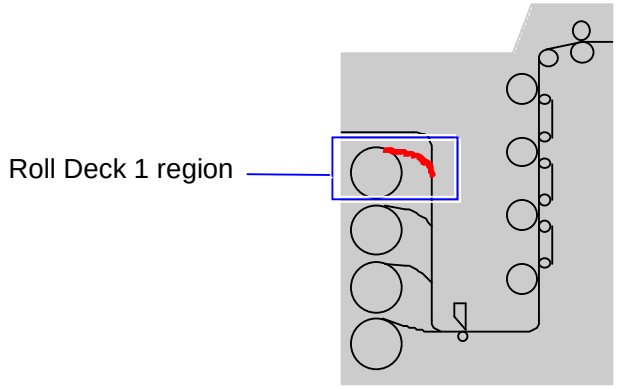
(1) Some sheets of media may be staying in the KIP Color 80 simultaneously as the following picture when mis-feed occurs during a continuous small size printing. Please check the Operation Panel after removing one sheet of media. If the code remains, another media is still staying in the machine. Remove all the remained media according to the reference table in the previous page in the following section order “Fuser region”, “Transportation Unit 1” and the specified “Roll Deck”.




(2) When open a unit on the rear to remove a jammed media, move a finishing device out of the way for efficient operation.

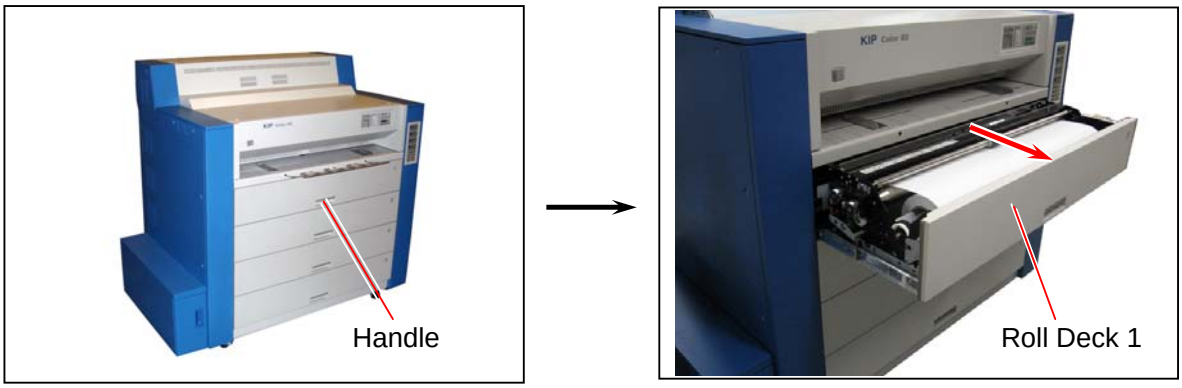
## 3. 2. 1 Mis-feed around the Roll Deck 1 Region (Code: J-0101, J-0201 & J-0401)

When the roll media is mis-fed in the Roll Deck 1, any of J-0101, J-0201 and J-0401 is indicated. (Refer to the following section picture for the location of mis-fed media.)




Remove the mis-fed media as instructed in below.

1. Pull up the handle to unlock, draw out the Roll Deck 1.



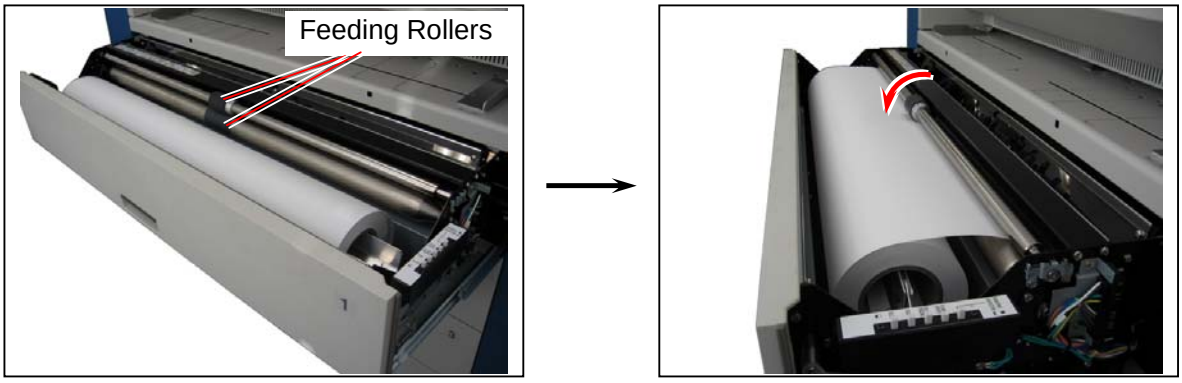

2. Rewind the roll media rotating in the direction of arrow.

3. Straighten the leading edge by cutting off the damaged part with a cutter knife.

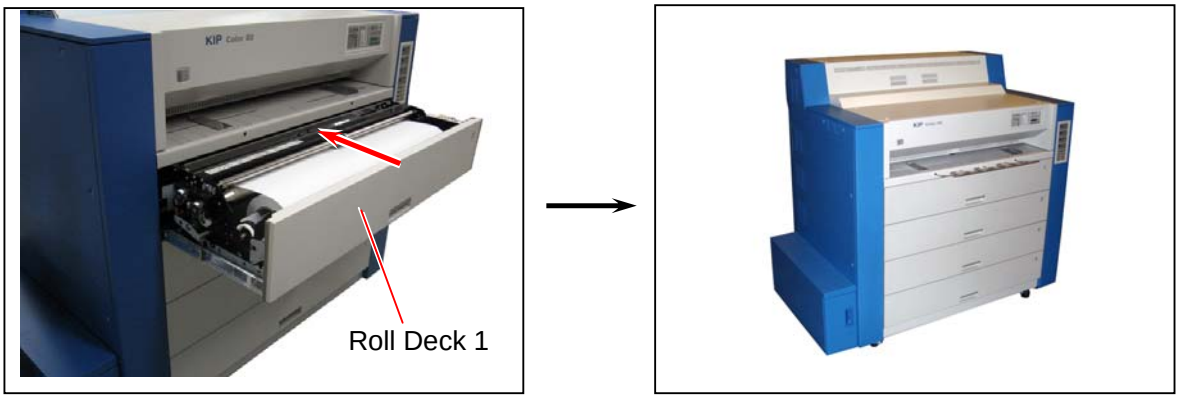
**NOTE**

Please straighten the leading edge as the damaged edge will result in a mis-feed again.

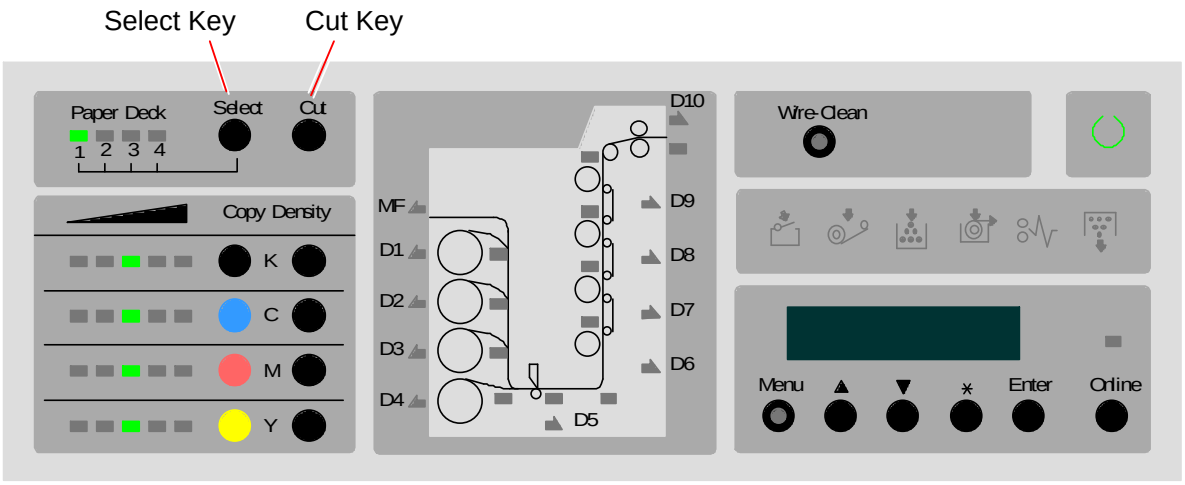
4. Insert the leading edge of roll media between both feeding rollers, and rotate the upper feeding roller to feed the roll media about 1 or 2cm.




5. Close the Roll Deck 1.

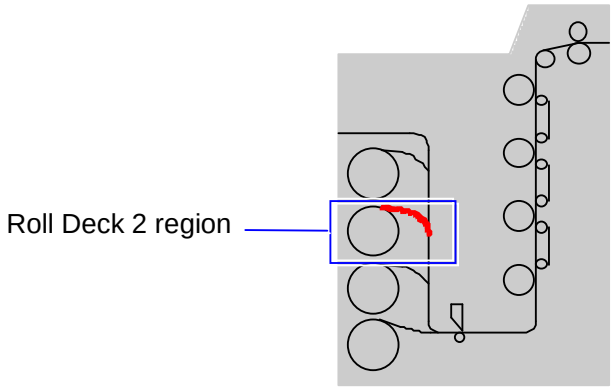


6. Initial Cut is recommended to straighten the leading edge perfectly. Select the Roll Deck No.1 pressing the SELECT Key, and press the CUT Key to make the Initial Cut for the roll media in the Roll Deck 1. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



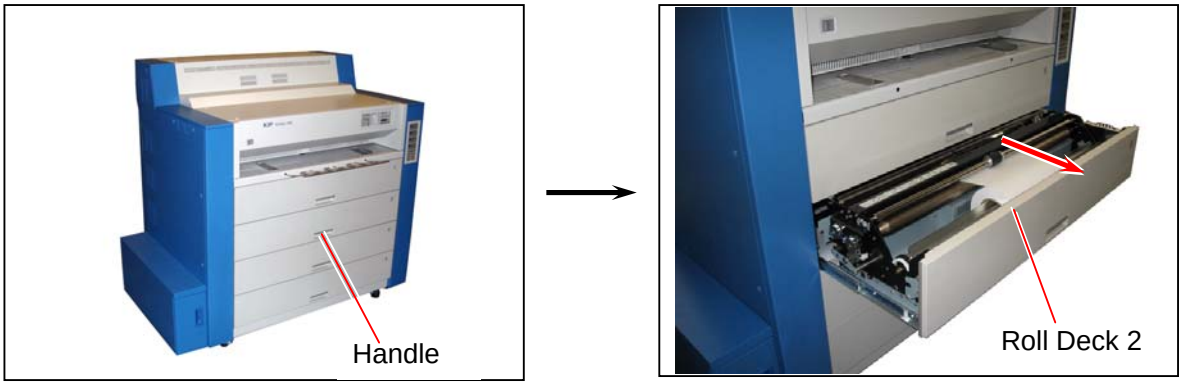
## 3. 2. 2 Mis-feed around the Roll Deck 2 Region (Code: J-0102, J-0202 & J-0402)

When the roll media is mis-fed in the Roll Deck 2, any of J-0102, J-0202 and J-0402 is indicated. (Refer to the following section picture for the location of mis-fed media.)

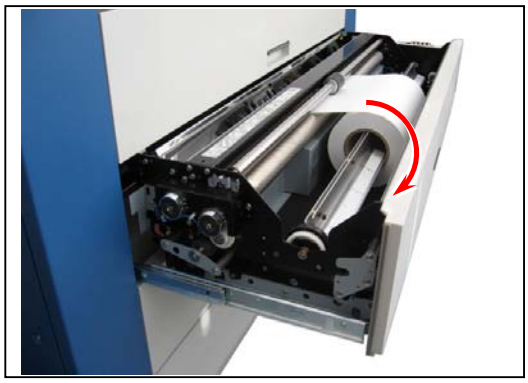



Remove the mis-fed media as instructed in below.

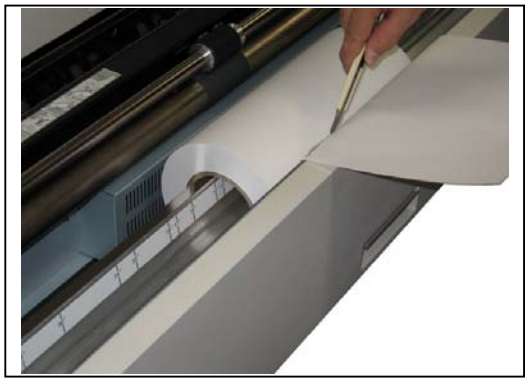
1. Pull up the handle to unlock, draw out the Roll Deck 2.




2. Rewind the roll media rotating in the direction of arrow.



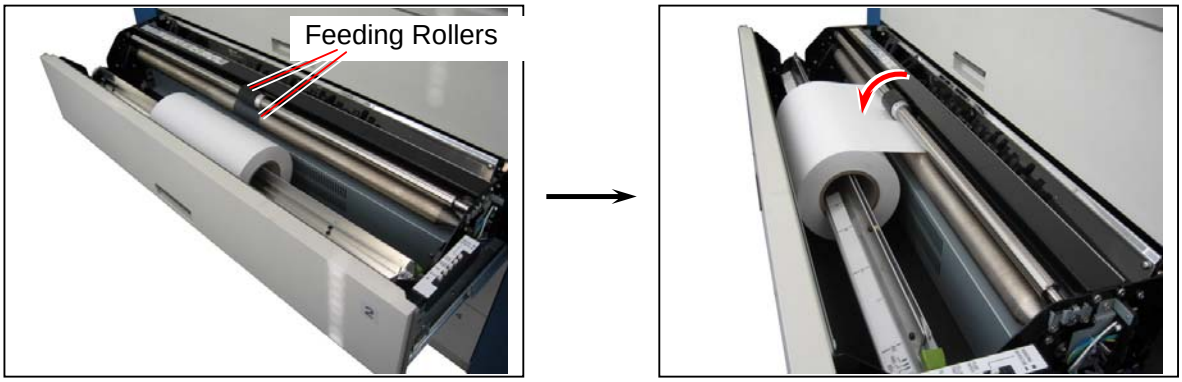
3. Straighten the leading edge by cutting off the damaged part with a cutter knife.



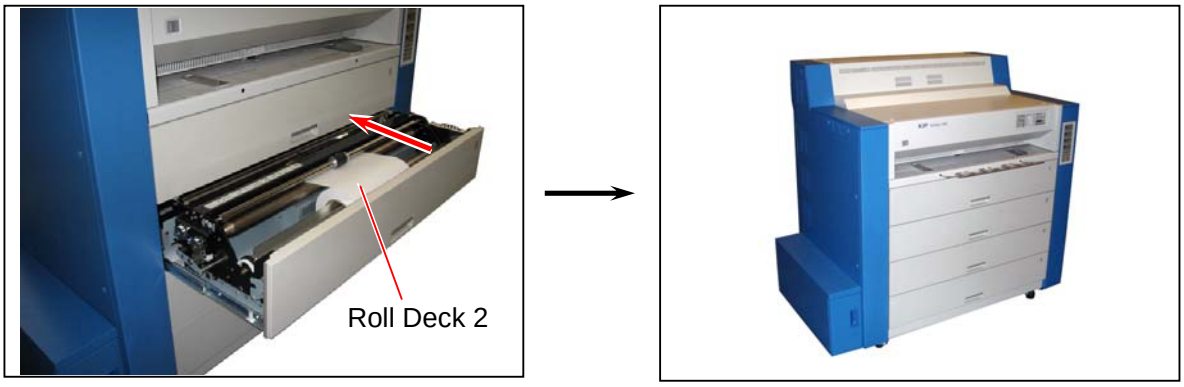
**NOTE**

Please straighten the leading edge as the damaged edge will result in a mis-feed again.

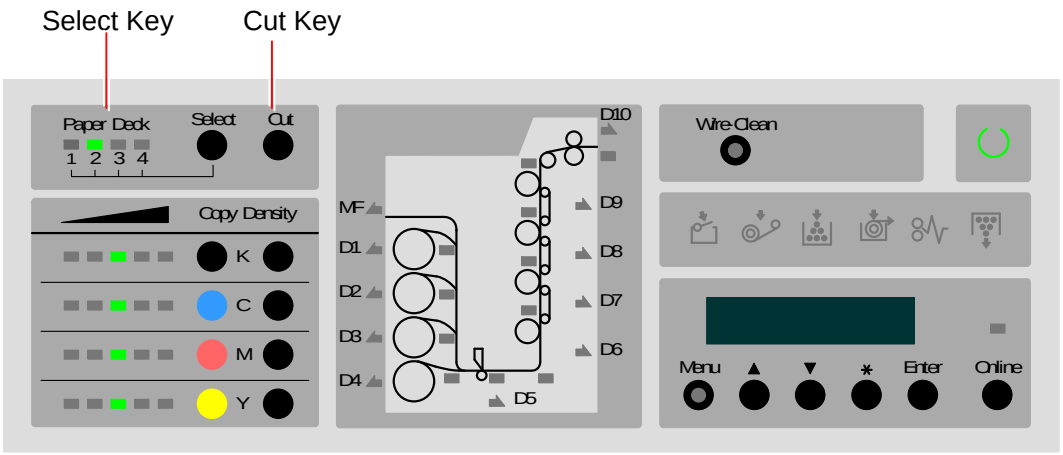
4. Insert the leading edge of roll media between both feeding rollers, and rotate the upper feeding roller to feed the roll media about 1 or 2cm.




5. Close the Roll Deck 2.

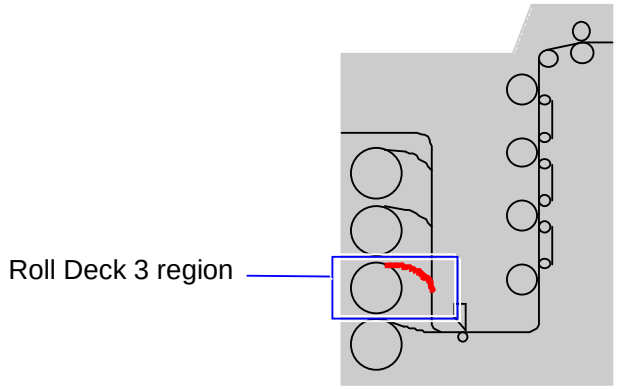


6. Initial Cut is recommended to straighten the leading edge perfectly. Select the Roll Deck No.2 pressing the SELECT Key, and press the CUT Key to make the Initial Cut for the roll media in the Roll Deck 2. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



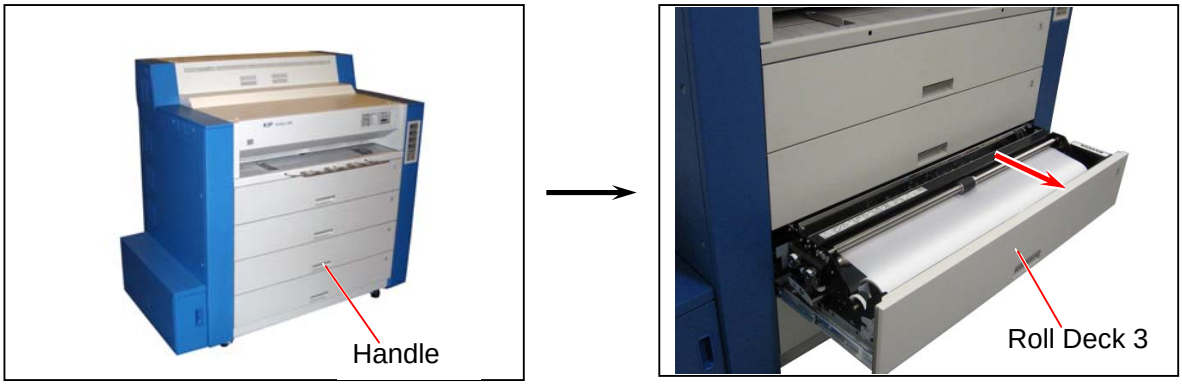
## 3. 2. 3 Mis-feed around the Roll Deck 3 Region (Code: J-0103, J-0203 & J-0403)

When the roll media is mis-fed in the Roll Deck 3, any of J-0103, J-0203 and J-0403 is indicated. (Refer to the following section picture for the location of mis-fed media.)

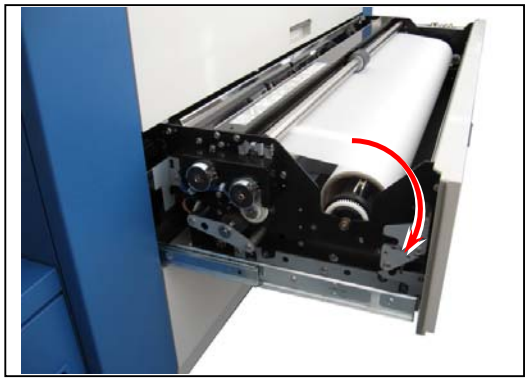



Remove the mis-fed media as instructed in below.

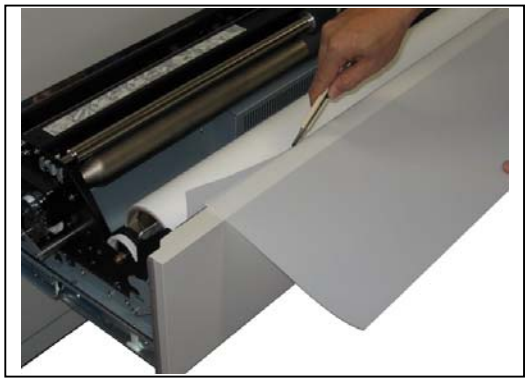
1. Pull up the handle to unlock, draw out the Roll Deck 3.




2. Rewind the roll media rotating in the direction of arrow.



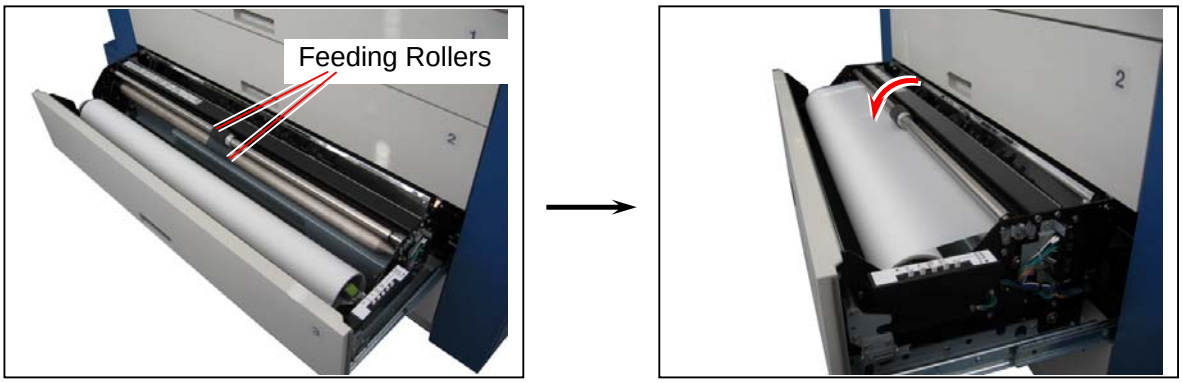
3. Straighten the leading edge by cutting off the damaged part with a cutter knife.



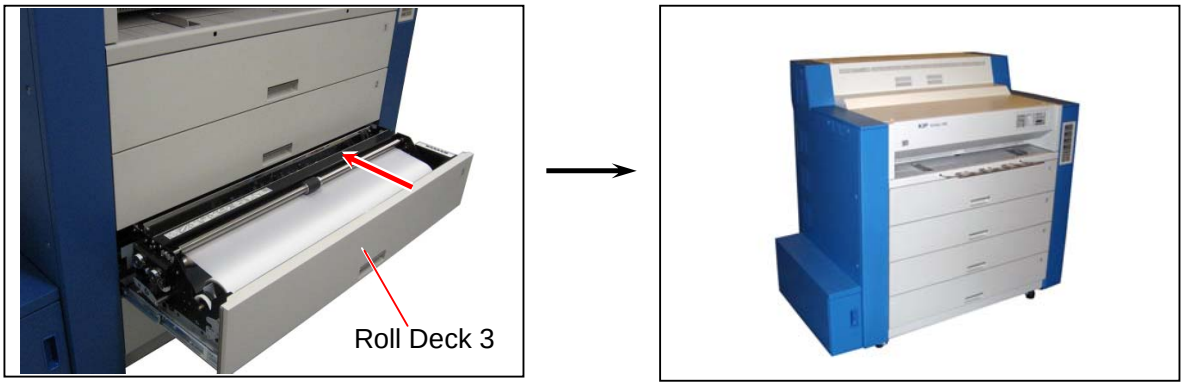
**NOTE**

Please straighten the leading edge as the damaged edge will result in a mis-feed again.

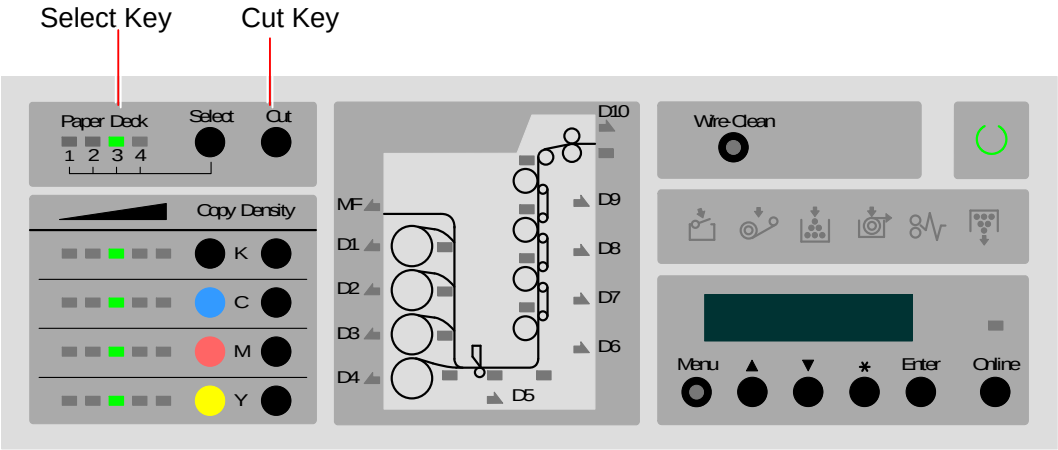
4. Insert the leading edge of roll media between both feeding rollers, and rotate the upper feeding roller to feed the roll media about 1 or 2cm.




5. Close the Roll Deck 3.

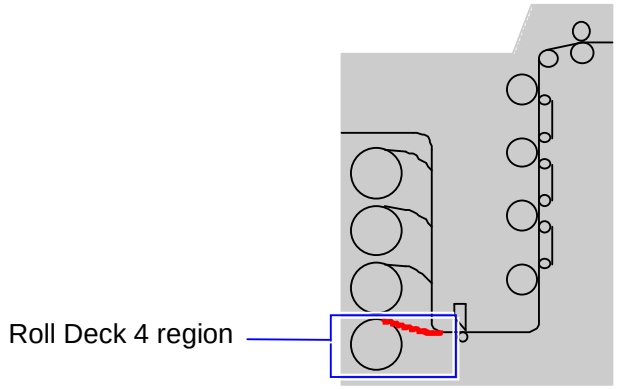


6. Initial Cut is recommended to straighten the leading edge perfectly. Select the Roll Deck No.3 pressing the SELECT Key, and press the CUT Key to make the Initial Cut for the roll media in the Roll Deck 3. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



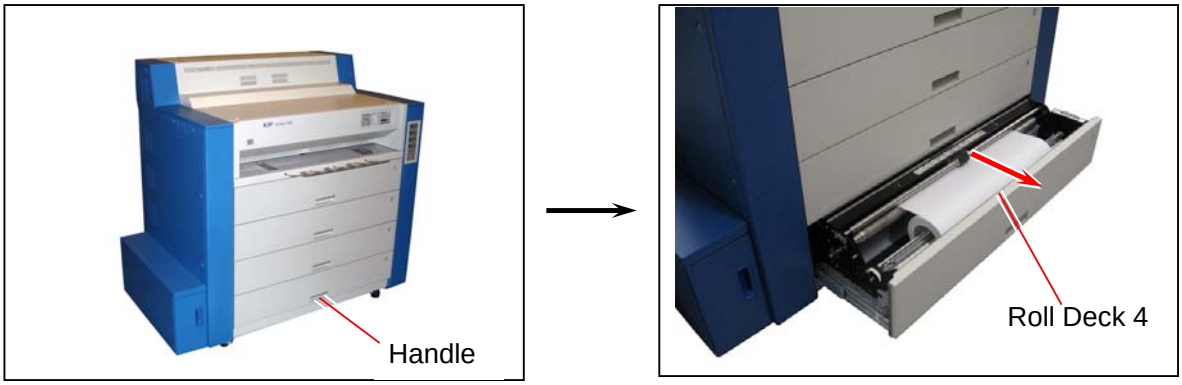
## 3. 2. 4 Mis-feed around the Roll Deck 4 Region (Code: J-0104, J-0204 & J-0404)

When the roll media is mis-fed in the Roll Deck 4, any of J-0104, J-0204 and J-0404 is indicated. (Refer to the following section picture for the location of mis-fed media.)

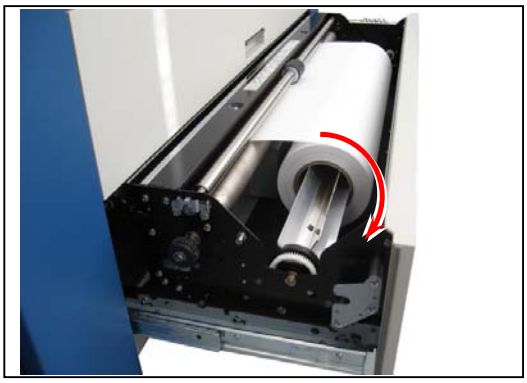



Remove the mis-fed media as instructed in below.

1. Pull up the handle to unlock, draw out the Roll Deck 4.




2. Rewind the roll media rotating in the direction of arrow.

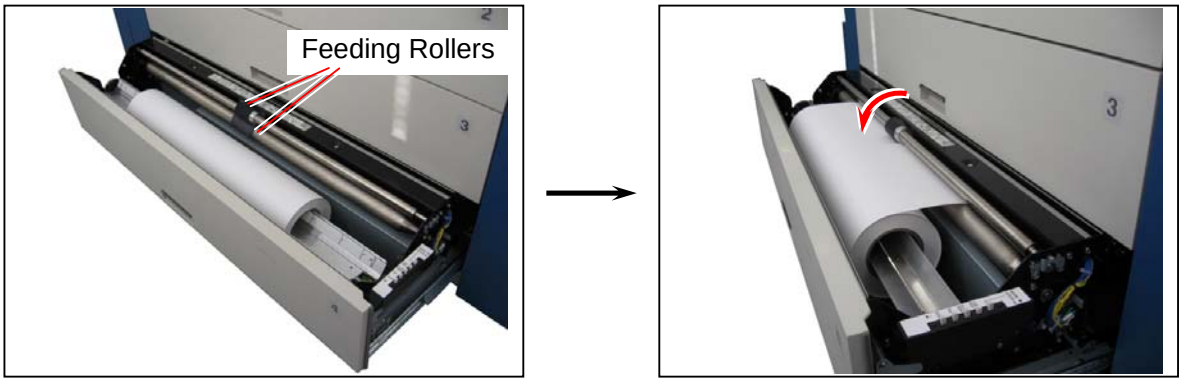


3. Straighten the leading edge by cutting off the damaged part with a cutter knife.

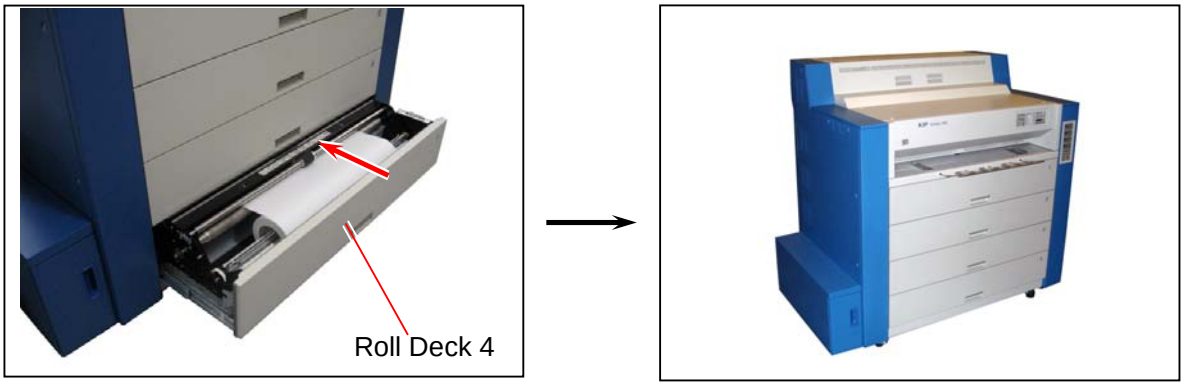
**NOTE**

Please straighten the leading edge as the damaged edge will result in a mis-feed again.

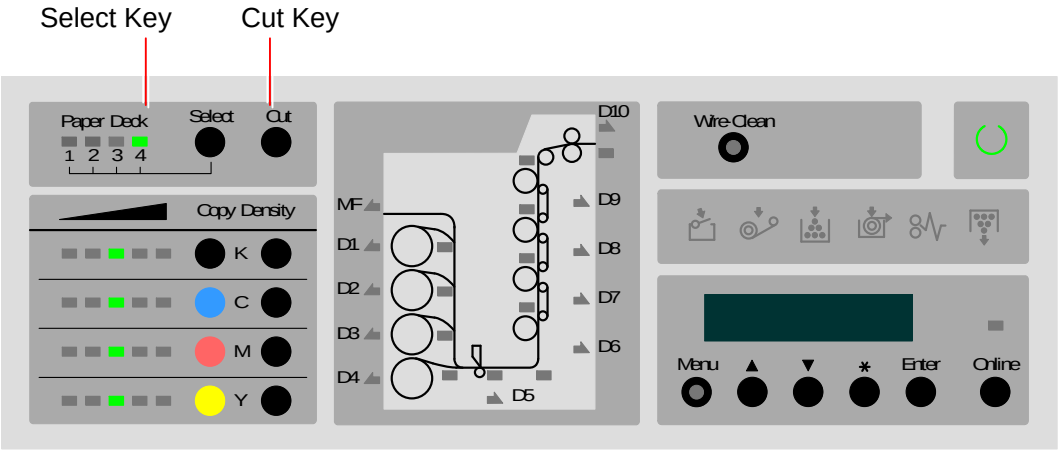
4. Insert the leading edge of roll media between both feeding rollers, and rotate the upper feeding roller to feed the roll media about 1 or 2cm.




5. Close the Roll Deck 4.

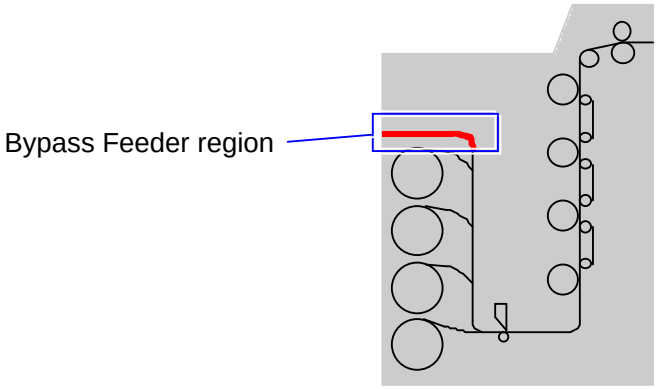


6. Initial Cut is recommended to straighten the leading edge perfectly. Select the Roll Deck No.3 pressing the SELECT Key, and press the CUT Key to make the Initial Cut for the roll media in the Roll Deck 3. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



## 3. 2. 5 Mis-feed around the Bypass Feeder Region (Code: J-0105, J-0205 & J-0405)

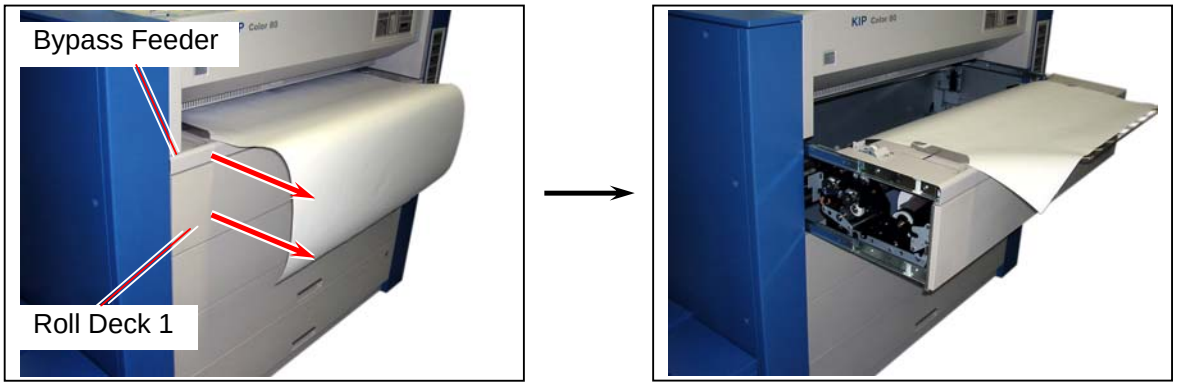
When the roll media is mis-fed in the Bypass Feeder, any of J-0105, J-0205 and J-0405 is indicated. (Refer to the following section picture for the location of mis-fed media.)



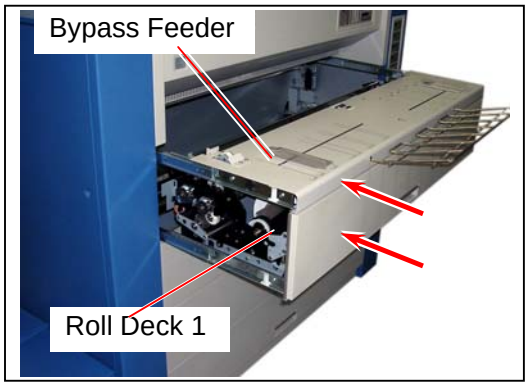

> **NOTE**
>
> Mis-Feed / Open Location Indicator does not inform the location of the mis-feed in the Bypass Feeder region because there is no concerning LED lamp.

Remove the mis-fed media as instructed in below.

1. Open both the Bypass Feeder and the Roll Deck 1, and remove the mis-fed media.

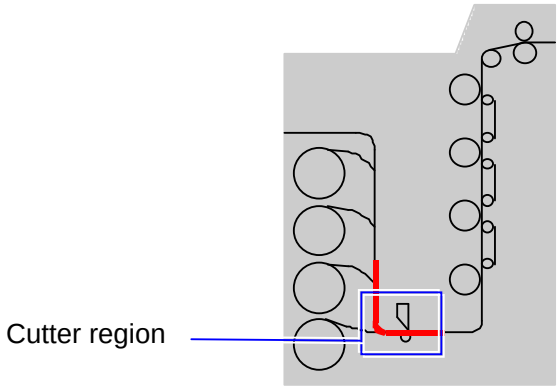



2. Close both the Bypass Feeder and the Roll Deck 1.



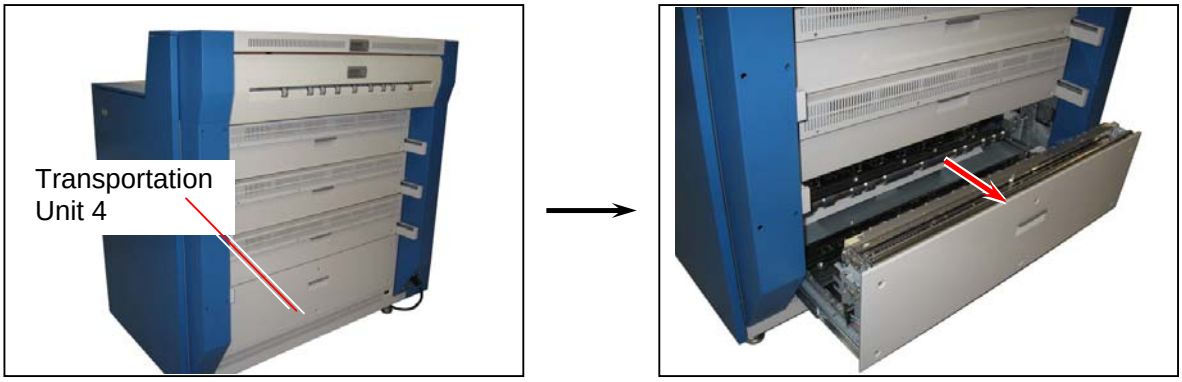
## 3. 2. 6 Mis-feed around the Cutter Region (Code: J-0111, J-0211 & J-0411)

When the roll media is mis-fed around the Cutter region, any of J-0111, J-0211 and J-0411 is indicated. (Refer to the following section picture for the location of mis-fed media.)

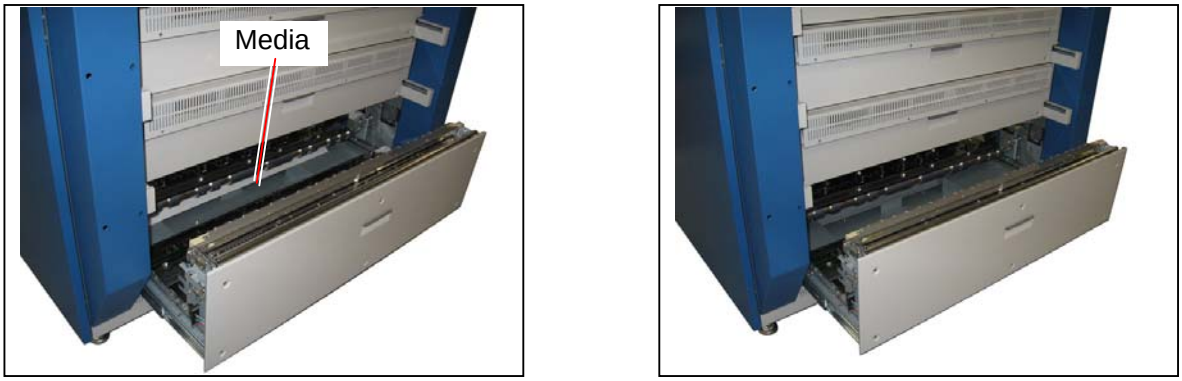



Remove the mis-fed media as instructed in below.

1. Open the Transportation Unit 4 on the back.




2. Check if the media is found inside of the machine. Whether or not the media is found decides what to do next.
   - If the media is found as the following left photo, proceed to the next procedure 3 to cut the roll media.
   - If it is not found, no more operation is required. Just close the Transportation Unit 4. The concerned roll deck automatically rewinds the leading edge to the print start position.

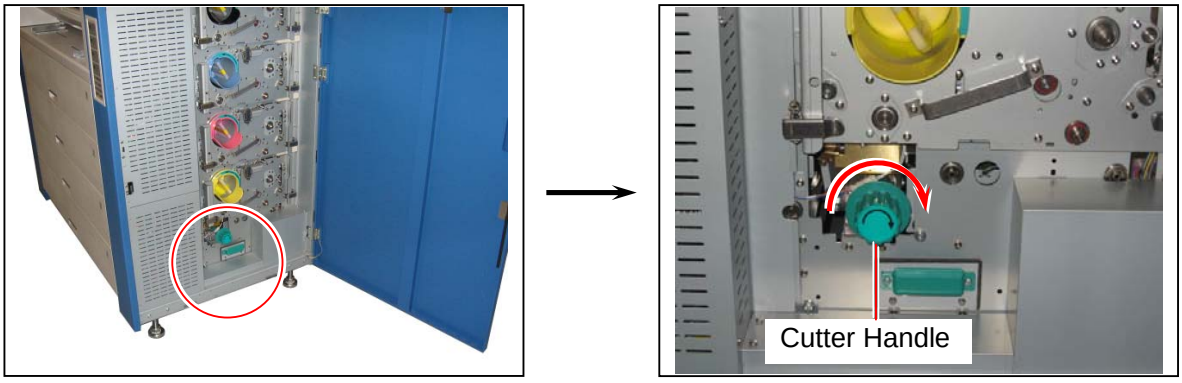



Media is found

Media is not found

3. Open the Right Side Door again, if it is closed.

4. Rotate the Cutter Handle one revolution in the direction of arrow to cut the roll media manually.




## CAUTION

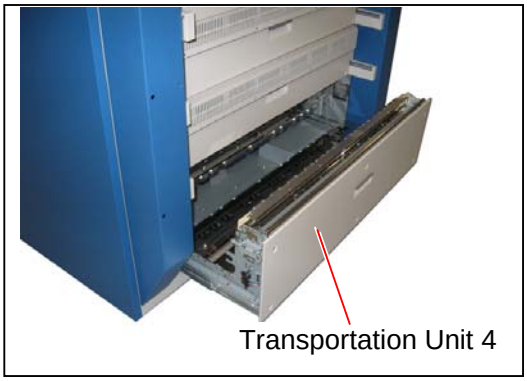
(1) Do not rotate the Cutter Handle to the other direction as the cutter blade may be broken.
(2) Do not rotate the Cutter Handle more than once. Otherwise it may result in paper feeding malfunction.

## NOTE

Initial Cut will be required on the later procedure as manual cutting by Cutter Handle can not make the leading edge perpendicular to the side edge.

5. Remove the media from the Transportation Unit 4 region.

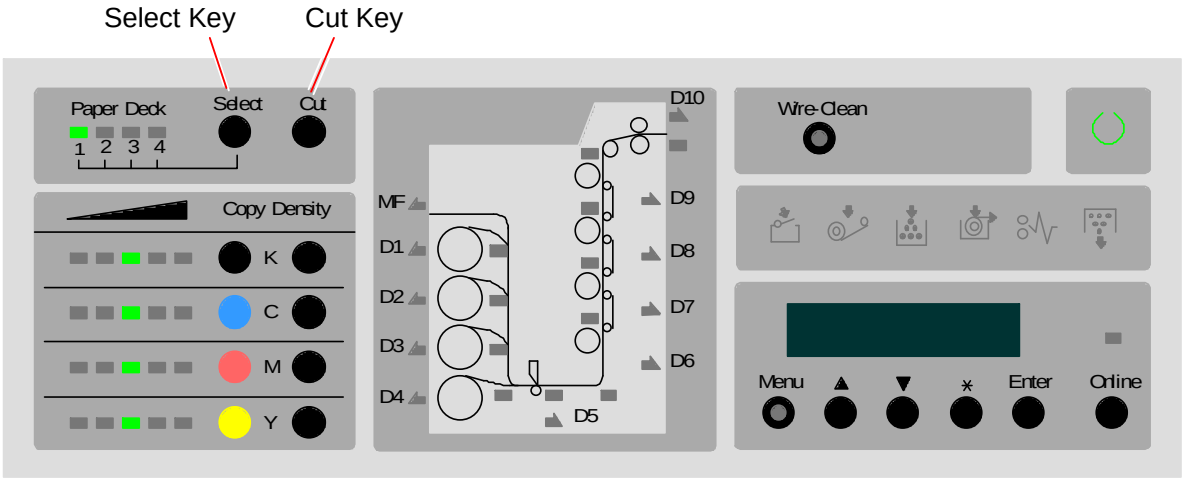
6. Close the Transportation Unit 4 and Right Side Door.




**NOTE**

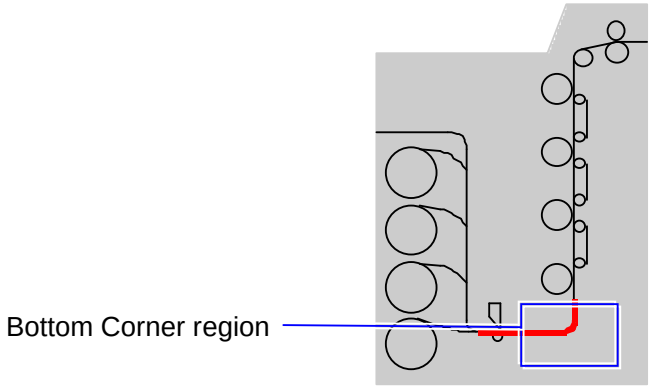
Close the Transportation Unit 4 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Unit 4 may not be locked firmly if not closed surely.

7. Initial Cut is recommended to straighten the leading edge perfectly. Select the concerning Roll Deck Number pressing the SELECT Key, and press the CUT Key to make the Initial Cut. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



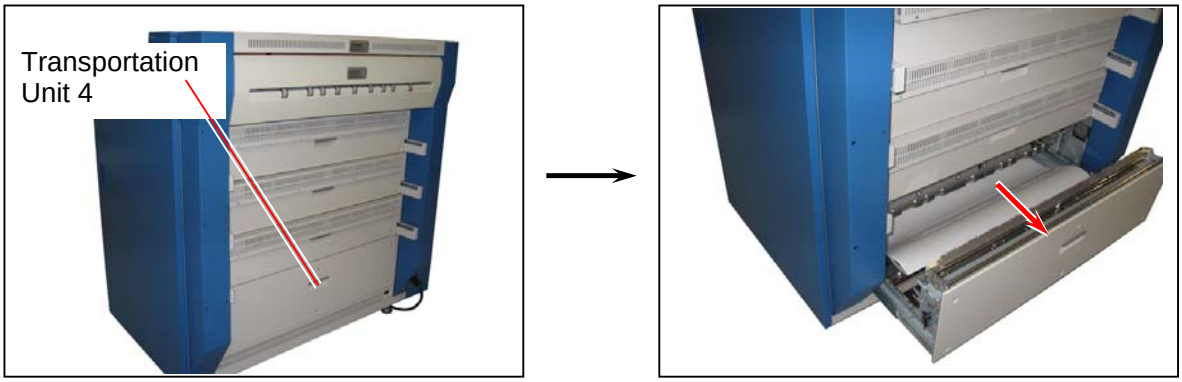
## 3. 2. 7 Mis-feed around the Bottom Corner Region (Code: J-0112, J-0212 & J-0412)

When the roll media is mis-fed around the Bottom Corner region, any of J-0112, J-0212 and J-0412 is indicated. (Refer to the following section picture for the location of mis-fed media.)




Remove the mis-fed media as instructed in below.

1. Open the Transportation Units 4. The mis-fed media will be found inside.

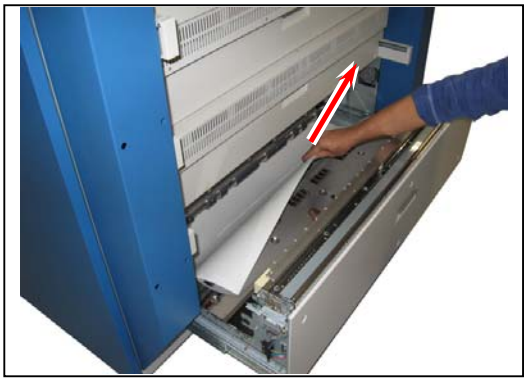



**NOTE**

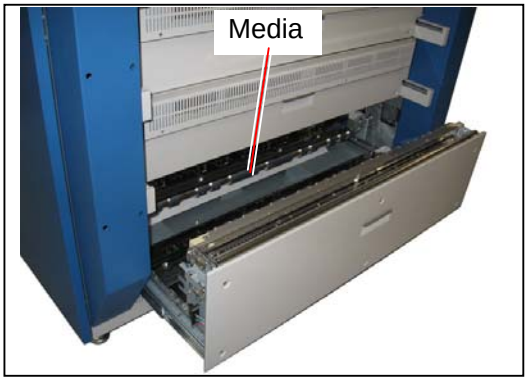
Make sure to open the Transportation Units before removing the mis-fed media. Otherwise the inside of machine will become dirty with the toner.

2. Check if the mis-fed is cut or not by pulling it. Whether the media is cut or not decides what to do next.

   - If the mis-fed media is cut and can be removed from the machine easily, proceed to the following procedure 3.
   - If it has not been cut yet so can not be removed from the machine, jump to the procedure 4. (Procedure 3 is not needed.)



3. After removing the mis-fed media from the Bottom Corner region, check if some more media is found around there. Whether or not the media is found decides what to do next.
   - If the media is found as the following left photo, proceed to the next procedure 4 to cut the roll media.
   - If it is not found, no more operation is required. Just close the Transportation Unit 4. The concerned roll deck automatically rewinds the leading edge to the print start position.

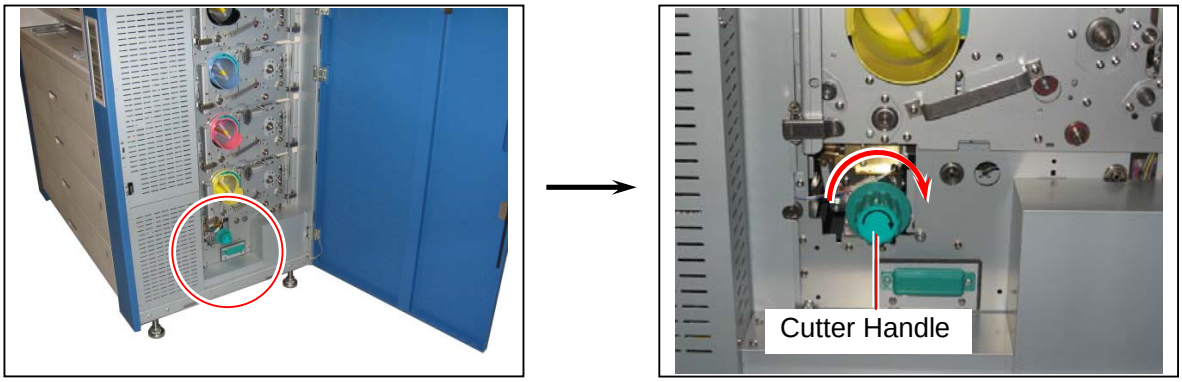



Media is found

Media is not found

4. Open the Right Side Door.

5. Rotate the Cutter Handle one revolution in the direction of arrow to cut the roll media manually.




## CAUTION

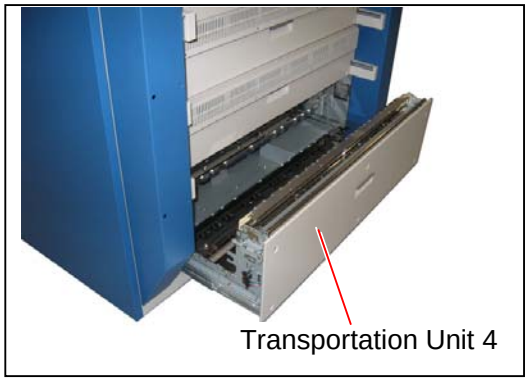
(1) Do not rotate the Cutter Handle to the other direction as the cutter blade may be broken.
(2) Do not rotate the Cutter Handle more than once. Otherwise it may result in paper feeding malfunction.

## NOTE

Initial Cut will be required on the later procedure as manual cutting by Cutter Handle can not make the leading edge perpendicular to the side edge.

6. Remove the media from the Transportation Unit 4 region.

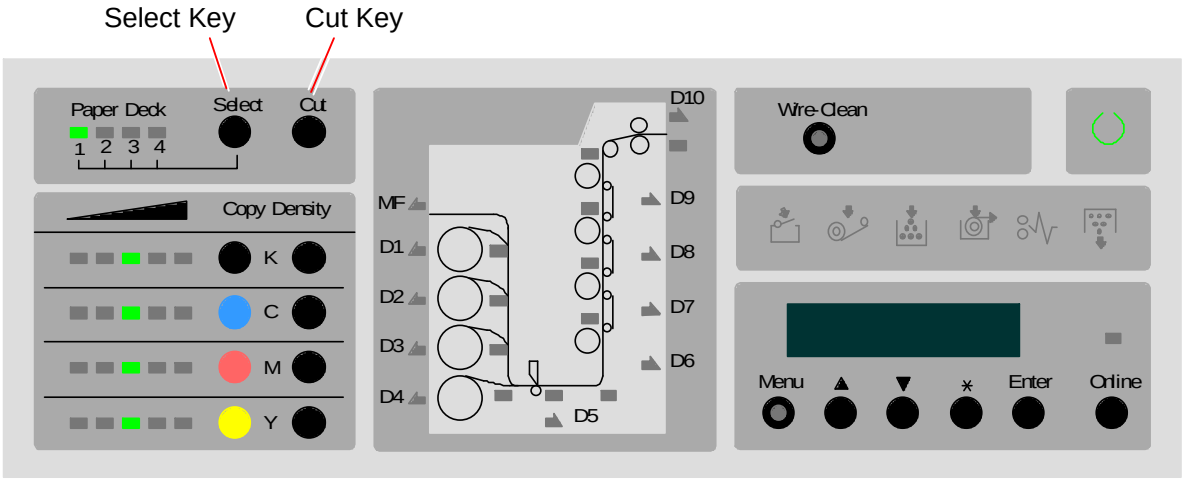
7. Close the Transportation Unit 4 and Right Side Door (if opened).




**NOTE**

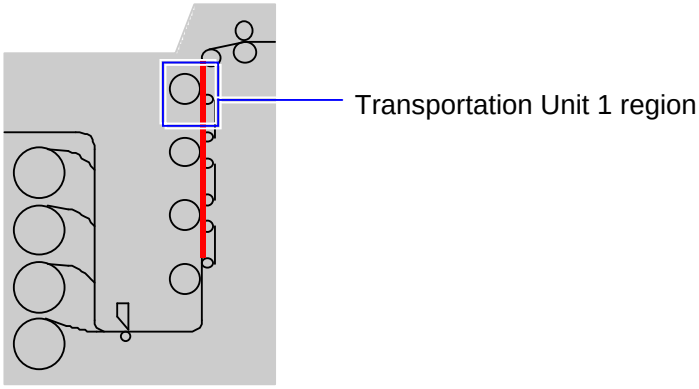
Close the Transportation Unit 4 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Unit 4 may not be locked firmly if not closed surely.

8. Initial Cut is recommended to straighten the leading edge perfectly. Select the concerning Roll Deck Number pressing the SELECT Key, and press the CUT Key to make the Initial Cut. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



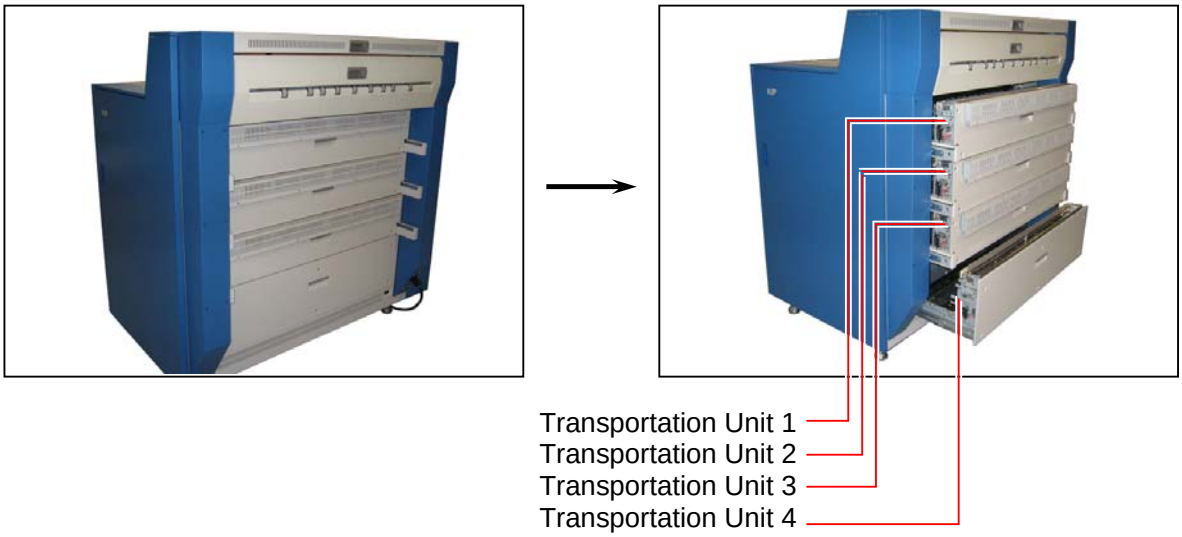
## 3. 2. 8 Mis-feed around the Transportation Unit 1 Region (Code: J-0121, J-0221 & J-0421)

When the roll media is mis-fed around the Transportation Unit 1 region, any of J-0121, J-0221 and J-0421 is indicated. (Refer to the following section picture for the location of mis-fed media.)




Remove the mis-fed media as instructed in below.

1. Open all the Transportation Units 1 to 4. The mis-fed media will be found inside.




**NOTE**

Make sure to open the Transportation Units before removing the mis-fed media. Otherwise the inside of machine will become dirty with the toner.

2. Check if the mis-fed is cut or not by pulling from between the Transportation Unit 3 & 4.
   Whether the media is cut or not decides what to do next.

   - If the mis-fed media is cut and can be removed from the machine easily, proceed to the following procedure 3.
   - If it has not been cut yet so can not be removed from the machine, jump to the procedure 5. (Procedure 3 and 4 are not needed.)

**NOTE**

Large green cylinder called “Photoconductive Drum” is inside of each Transportation Unit. It is the most important part to get a good print image, so no dirt or no damage must be given to it.

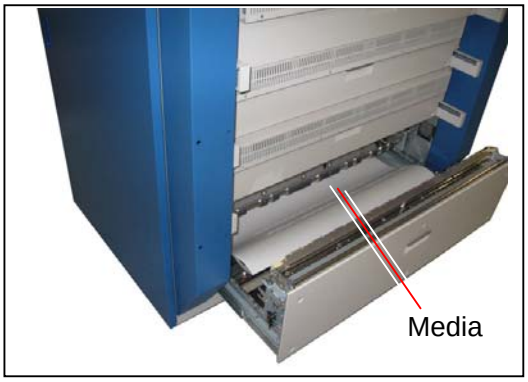
- Touching onto its surface will provide a fingerprint. Do not touch the surface of Drum when removing the mis-fed media.
- Contacting a hard material thing onto its surface will result in a scratch mark. Take off the watch, the ring and some other hard material thing before removing the mis-fed media.

3. After removing the mis-fed media from the Transportation Unit 1 region, close all the Transportation Units except for the Transport Unit 4.

**NOTE**

Close the Transportation Units 1-3 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Units may not be locked firmly if not closed surely.

4. Check if the media is found around the Transportation Unit 4. Whether or not the media is found decides what to do next.
   - If the media is found as the following left photo, proceed to the next procedure 5 to cut the roll media.
   - If it is not found, no more operation is required. Just close the Transportation Unit 4. The concerned roll deck automatically rewinds the leading edge to the print start position.

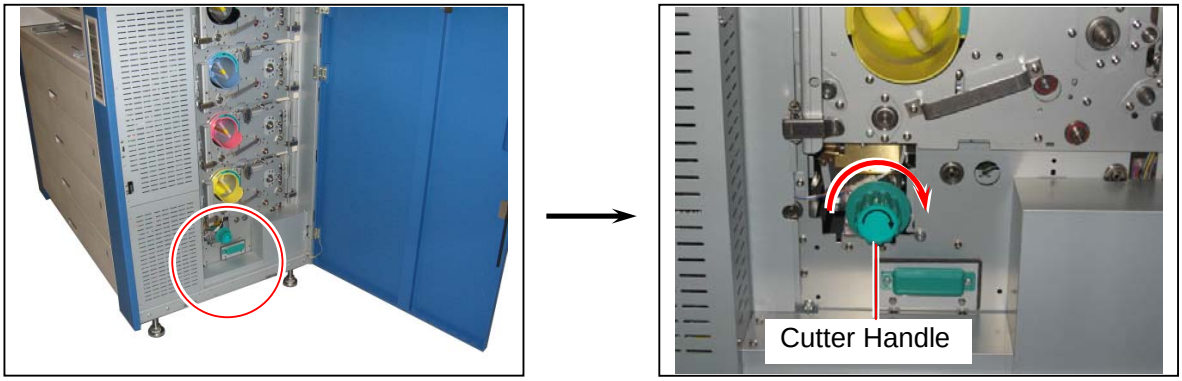



Media is found

Media is not found

5. Open the Right Side Door.

6. Rotate the Cutter Handle one revolution in the direction of arrow to cut the roll media manually.




## CAUTION

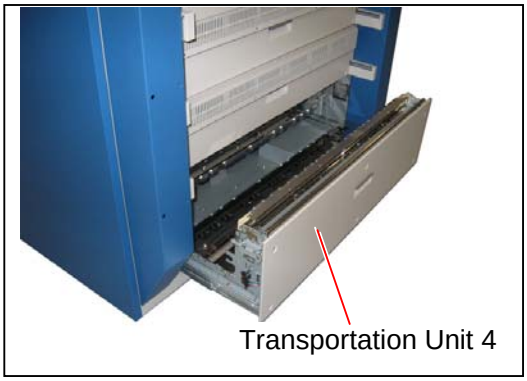
(1) Do not rotate the Cutter Handle to the other direction as the cutter blade may be broken.
(2) Do not rotate the Cutter Handle more than once. Otherwise it may result in paper feeding malfunction.

## NOTE

Initial Cut will be required on the later procedure as manual cutting by Cutter Handle can not make the leading edge perpendicular to the side edge.

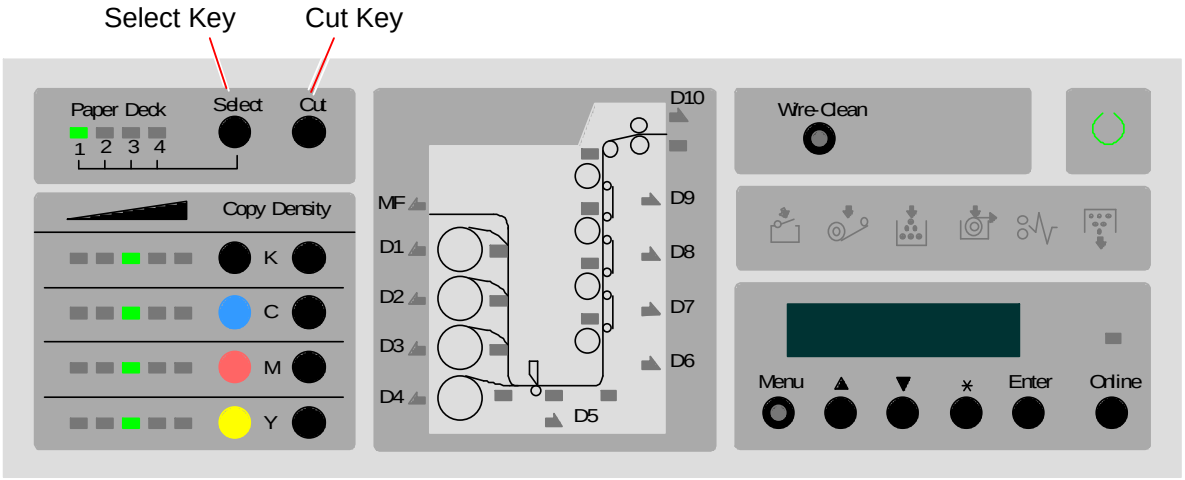
7. Remove the media from the Transportation Unit 4 region.

8. Close the Transportation Unit 4 and Right Side Door (if opened).



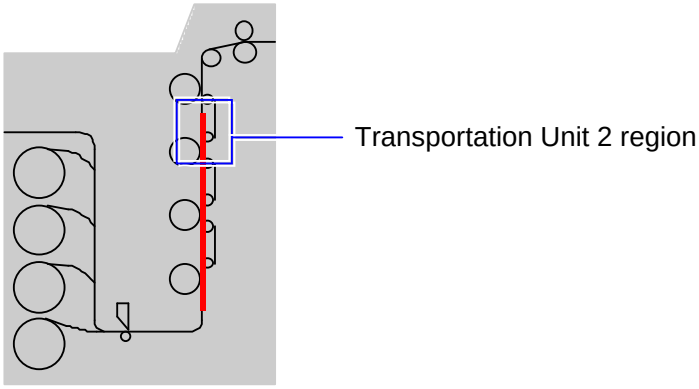

> **NOTE**
>
> Close the Transportation Unit 4 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Unit 4 may not be locked firmly if not closed surely.

9. Initial Cut is recommended to straighten the leading edge perfectly. Select the concerning Roll Deck Number pressing the SELECT Key, and press the CUT Key to make the Initial Cut. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



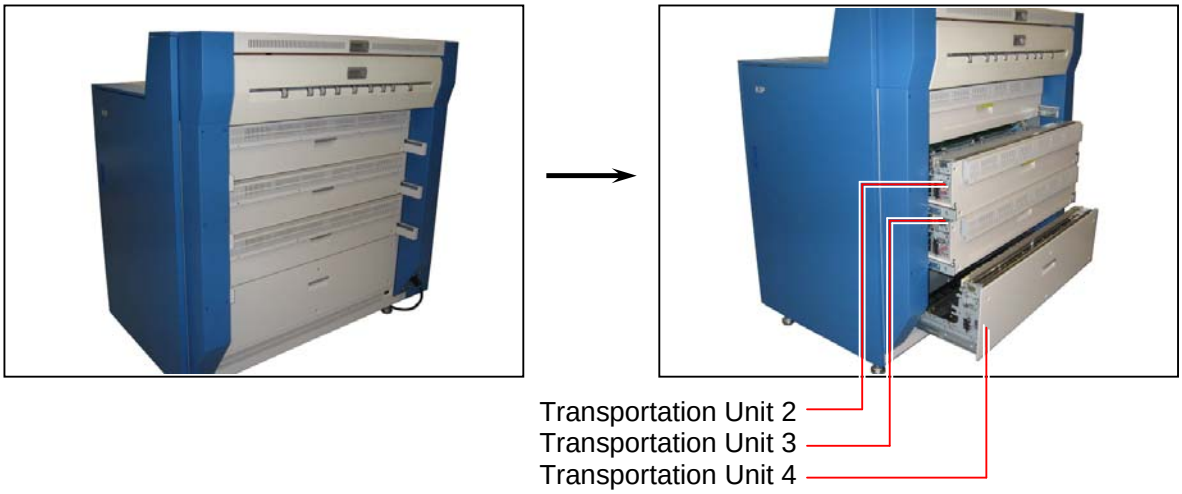
## 3. 2. 9 Mis-feed around the Transportation Unit 2 Region (Code: J-0122, J-0222 & J-0422)

When the roll media is mis-fed around the Transportation Unit 2 region, any of J-0122, J-0222 and J-0422 is indicated. (Refer to the following section picture for the location of mis-fed media.)




Remove the mis-fed media as instructed in below.

1. Open the Transportation Units 2 to 4. The mis-fed media will be found inside.




**NOTE**

Make sure to open the Transportation Units before removing the mis-fed media. Otherwise the inside of machine will become dirty with the toner.

2. Check if the mis-fed is cut or not by pulling from between the Transportation Unit 3 & 4.
   Whether the media is cut or not decides what to do next.

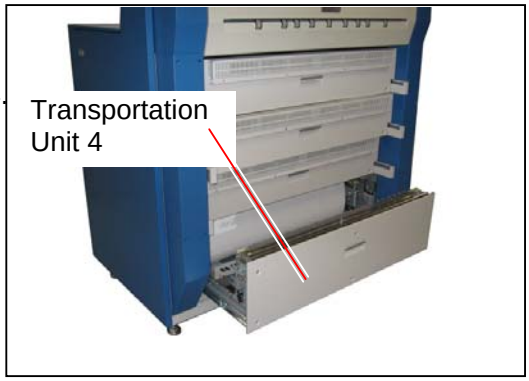
   - If the mis-fed media is cut and can be removed from the machine easily, proceed to the following procedure 3.
   - If it has not been cut yet so can not be removed from the machine, jump to the procedure 5. (Procedures 3 and 4 are not needed.)

**NOTE**

Large green cylinder called “Photoconductive Drum” is inside of each Transportation Unit. It is the most important part to get a good print image, so no dirt or no damage must be given to it.

- Touching onto its surface will provide a fingerprint. Do not touch the surface of Drum when removing the mis-fed media.
- Contacting a hard material thing onto its surface will result in a scratch mark. Take off the watch, the ring and some other hard material thing before removing the mis-fed media.

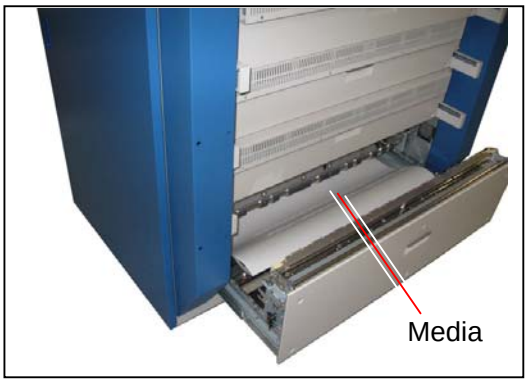
3. After removing the mis-fed media from the Transportation Unit 2 region, close all the Transportation Units except for the Transport Unit 4.




**NOTE**

Close the Transportation Units 1-3 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Units may not be locked firmly if not closed surely.

4. Check if the media is found around the Transportation Unit 4. Whether or not the media is found decides what to do next.
   - If the media is found as the following left photo, proceed to the next procedure 5 to cut the roll media.
   - If it is not found, no more operation is required. Just close the Transportation Unit 4. The concerned roll deck automatically rewinds the leading edge to the print start position.

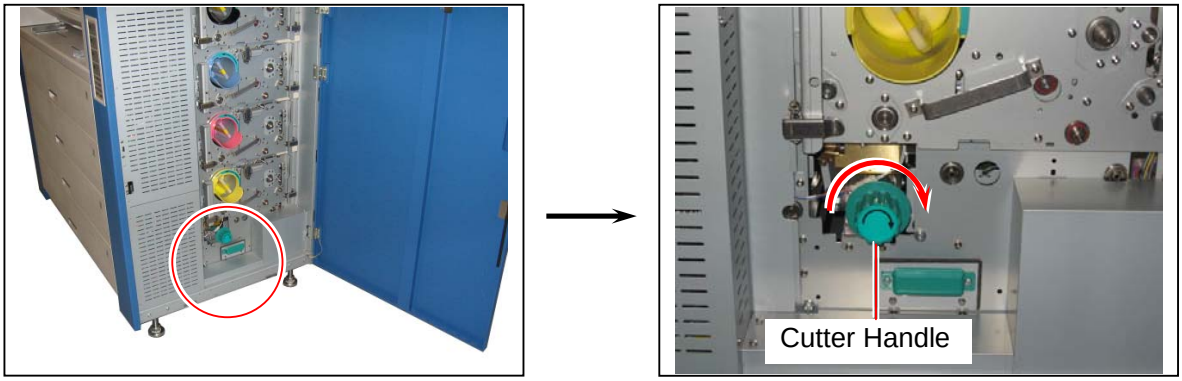



Media is found

Media is not found

5. Open the Right Side Door.

6. Rotate the Cutter Handle one revolution in the direction of arrow to cut the roll media manually.




## CAUTION

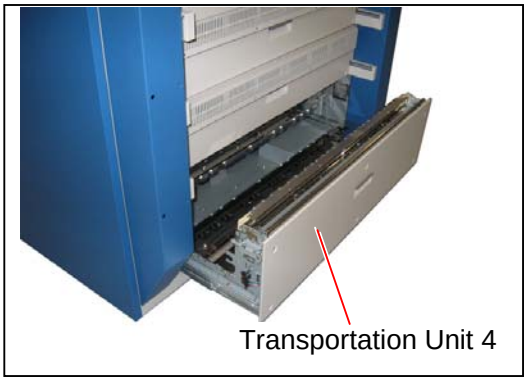
(1) Do not rotate the Cutter Handle to the other direction as the cutter blade may be broken.
(2) Do not rotate the Cutter Handle more than once. Otherwise it may result in paper feeding malfunction.

## NOTE

Initial Cut will be required on the later procedure as manual cutting by Cutter Handle can not make the leading edge perpendicular to the side edge.

7. Remove the media from the Transportation Unit 4 region.

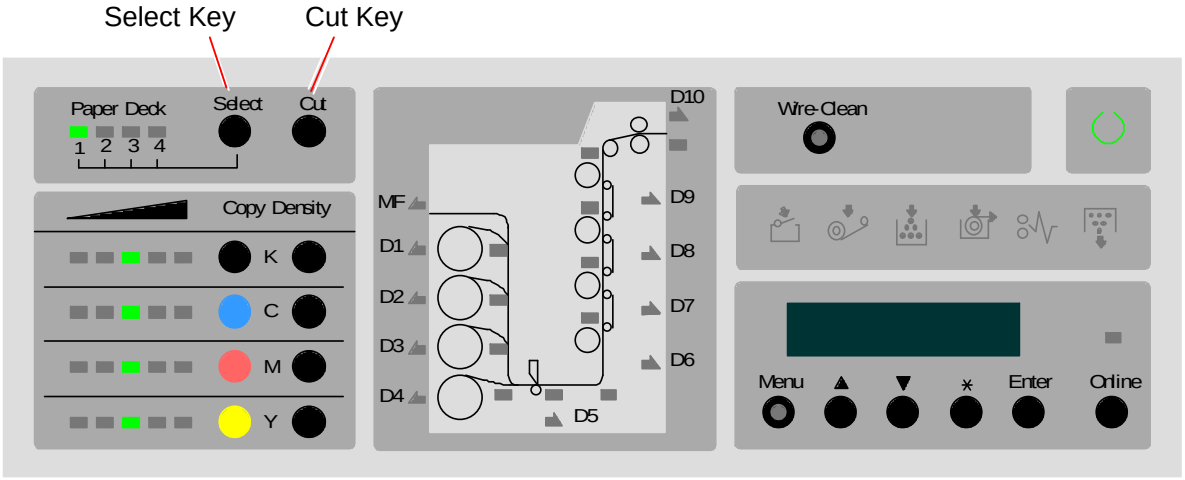
8. Close the Transportation Unit 4 and Right Side Door (if opened).




**NOTE**

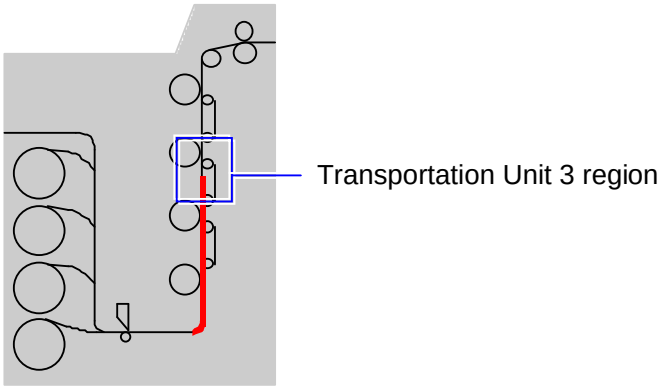
Close the Transportation Unit 4 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Unit 4 may not be locked firmly if not closed surely.

9. Initial Cut is recommended to straighten the leading edge perfectly. Select the concerning Roll Deck Number pressing the SELECT Key, and press the CUT Key to make the Initial Cut. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



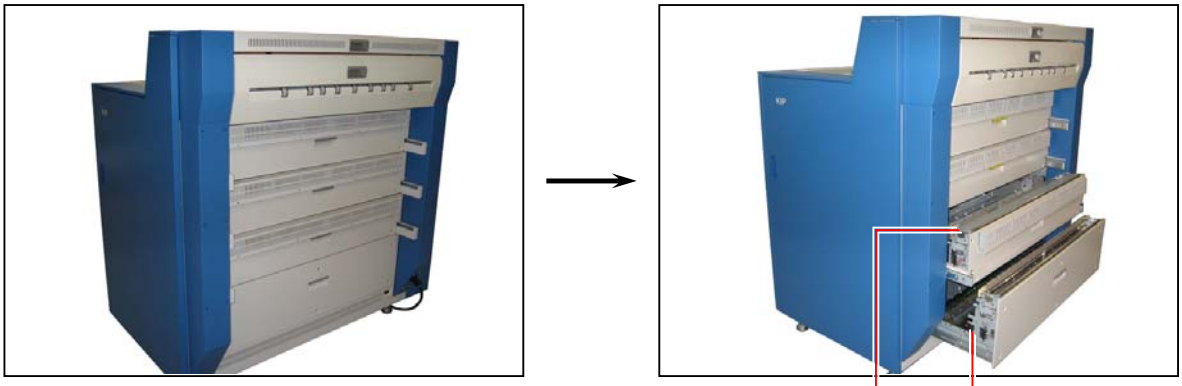
## 3. 2.10 Mis-feed around the Transportation Unit 3 Region (Code: J-0123, J-0223 & J-0423)

When the roll media is mis-fed around the Transportation Unit 3 region, any of J-0123, J-0223 and J-0423 is indicated. (Refer to the following section picture for the location of mis-fed media.)




Remove the mis-fed media as instructed in below.

1. Open the Transportation Units 3 & 4. The mis-fed media will be found inside.




**NOTE**

Make sure to open the Transportation Units before removing the mis-fed media. Otherwise the inside of machine will become dirty with the toner.

2. Check if the mis-fed is cut or not by pulling from between the Transportation Unit 3 & 4.
   Whether the media is cut or not decides what to do next.

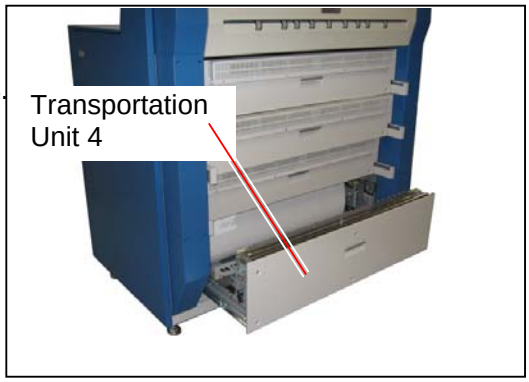
   - If the mis-fed media is cut and can be removed from the machine easily, proceed to the following procedure 3.
   - If it has not been cut yet so can not be removed from the machine, jump to the procedure 5. (Procedures 3 and 4 are not needed.)

**NOTE**

Large green cylinder called “Photoconductive Drum” is inside of each Transportation Unit. It is the most important part to get a good print image, so no dirt or no damage must be given to it.

- Touching onto its surface will provide a fingerprint. Do not touch the surface of Drum when removing the mis-fed media.
- Contacting a hard material thing onto its surface will result in a scratch mark. Take off the watch, the ring and some other hard material thing before removing the mis-fed media.

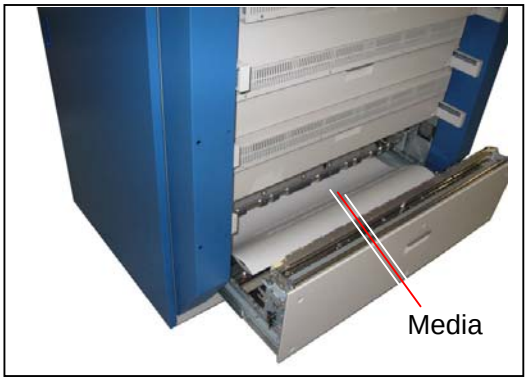
3. After removing the mis-fed media from the Transportation Unit 3 region, close all the Transportation Units except for the Transport Unit 4.




**NOTE**

Close the Transportation Units 1-3 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Units may not be locked firmly if not closed surely.

4. Check if the media is found around the Transportation Unit 4. Whether or not the media is found decides what to do next.
   - If the media is found as the following left photo, proceed to the next procedure 5 to cut the roll media.
   - If it is not found, no more operation is required. Just close the Transportation Unit 4. The concerned roll deck automatically rewinds the leading edge to the print start position.

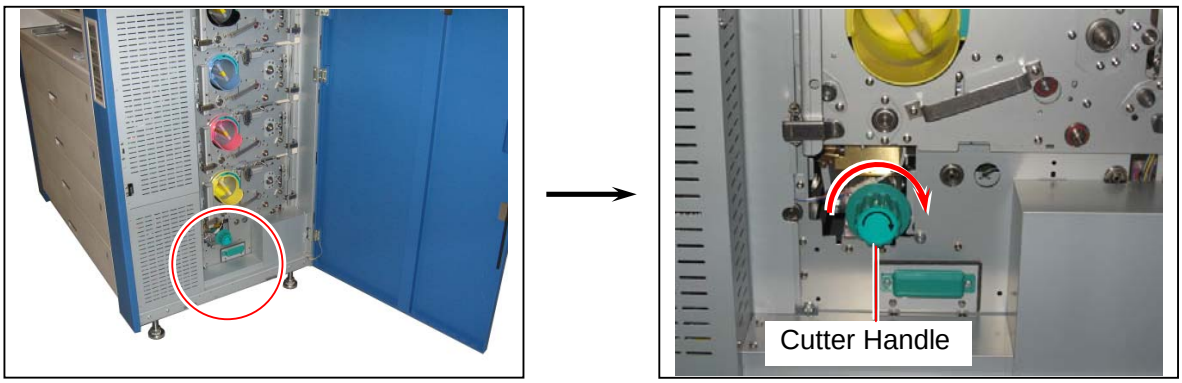



Media is found

Media is not found

5. Open the Right Side Door.

6. Rotate the Cutter Handle one revolution in the direction of arrow to cut the roll media manually.




## CAUTION

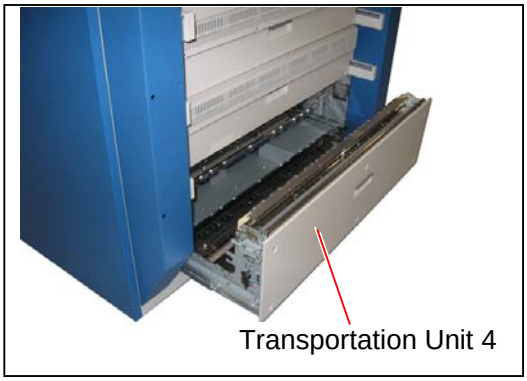
(1) Do not rotate the Cutter Handle to the other direction as the cutter blade may be broken.
(2) Do not rotate the Cutter Handle more than once. Otherwise it may result in paper feeding malfunction.

## NOTE

Initial Cut will be required on the later procedure as manual cutting by Cutter Handle can not make the leading edge perpendicular to the side edge.

7. Remove the media from the Transportation Unit 4 region.

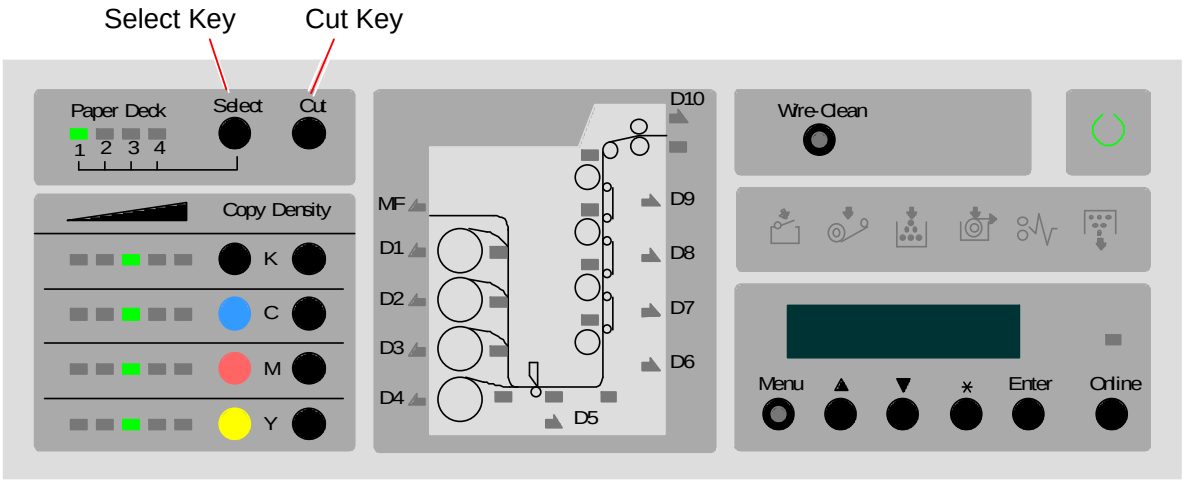
8. Close the Transportation Unit 4 and Right Side Door (if opened).




**NOTE**

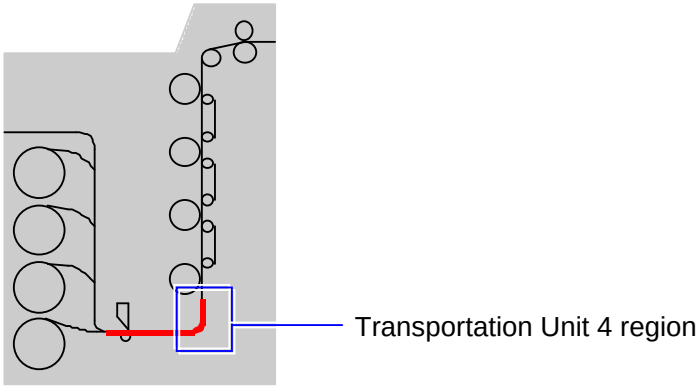
Close the Transportation Unit 4 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Unit 4 may not be locked firmly if not closed surely.

9. Initial Cut is recommended to straighten the leading edge perfectly. Select the concerning Roll Deck Number pressing the SELECT Key, and press the CUT Key to make the Initial Cut. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



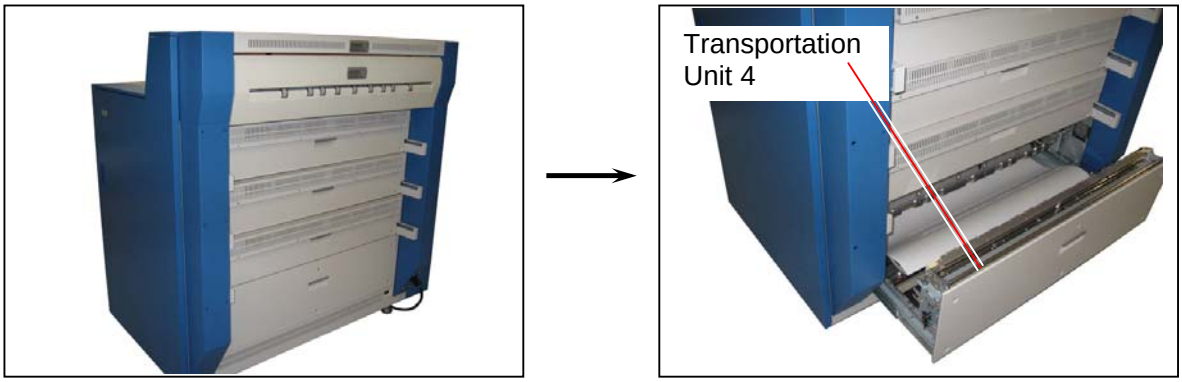
## 3. 2.11 Mis-feed around the Transportation Unit 4 Region (Code: J-0124, J-0224 & J-0424)

When the roll media is mis-fed around the Transportation Unit 4 region, any of J-0124, J-0224 and J-0424 is indicated. (Refer to the following section picture for the location of mis-fed media.)




Remove the mis-fed media as instructed in below.

1. Open the Transportation Units 4. The mis-fed media will be found inside.




**NOTE**

Make sure to open the Transportation Units before removing the mis-fed media. Otherwise the inside of machine will become dirty with the toner.

2. Check if the mis-fed is cut or not by pulling it. Whether the media is cut or not decides what to do next.

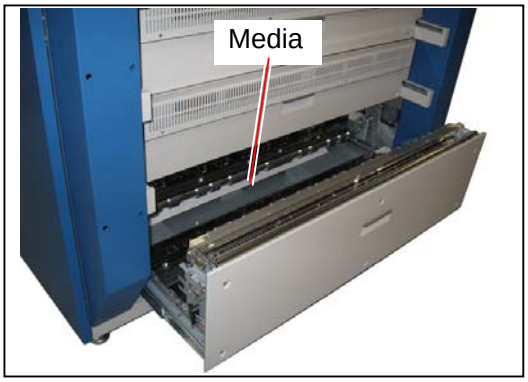
   - If the mis-fed media is cut and can be removed from the machine easily, proceed to the following procedure 3.
   - If it has not been cut yet so can not be removed from the machine, jump to the procedure 4. (Procedure 3 is not needed.)

**NOTE**

Large green cylinder called “Photoconductive Drum” is inside of each Transportation Unit. It is the most important part to get a good print image, so no dirt or no damage must be given to it.

- Touching onto its surface will provide a fingerprint. Do not touch the surface of Drum when removing the mis-fed media.
- Contacting a hard material thing onto its surface will result in a scratch mark. Take off the watch, the ring and some other hard material thing before removing the mis-fed media.

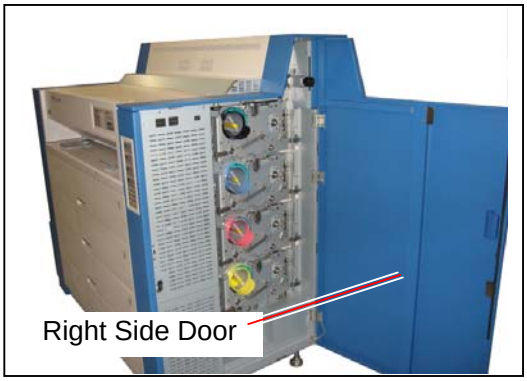
3. After removing the mis-fed media from the Bottom Corner region, check if some more media is found around there. Whether or not the media is found decides what to do next.
   - If the media is found as the following left photo, proceed to the next procedure 4 to cut the roll media.
   - If it is not found, no more operation is required. Just close the Transportation Unit 4. The concerned roll deck automatically rewinds the leading edge to the print start position.



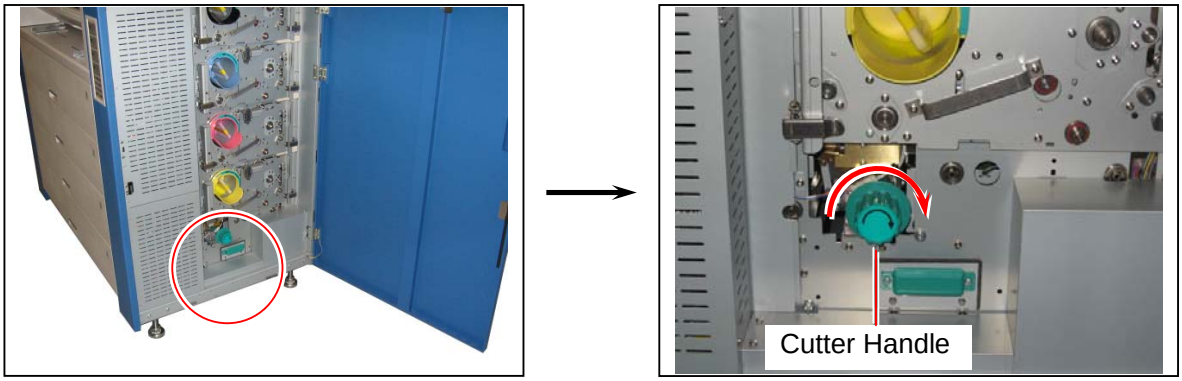

Media is found

Media is not found

4. Open the Right Side Door.



5. Rotate the Cutter Handle one revolution in the direction of arrow to cut the roll media manually.




## CAUTION

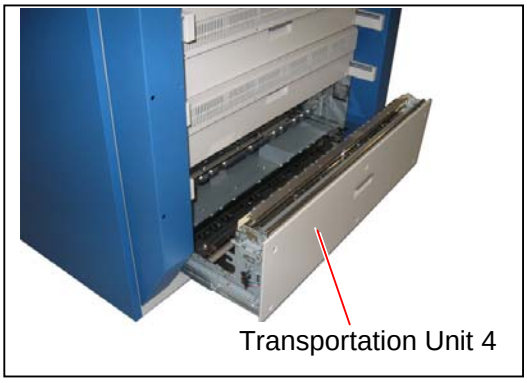
(1) Do not rotate the Cutter Handle to the other direction as the cutter blade may be broken.
(2) Do not rotate the Cutter Handle more than once. Otherwise it may result in paper feeding malfunction.

## NOTE

Initial Cut will be required on the later procedure as manual cutting by Cutter Handle can not make the leading edge perpendicular to the side edge.

6. Remove the media from the Transportation Unit 4 region.

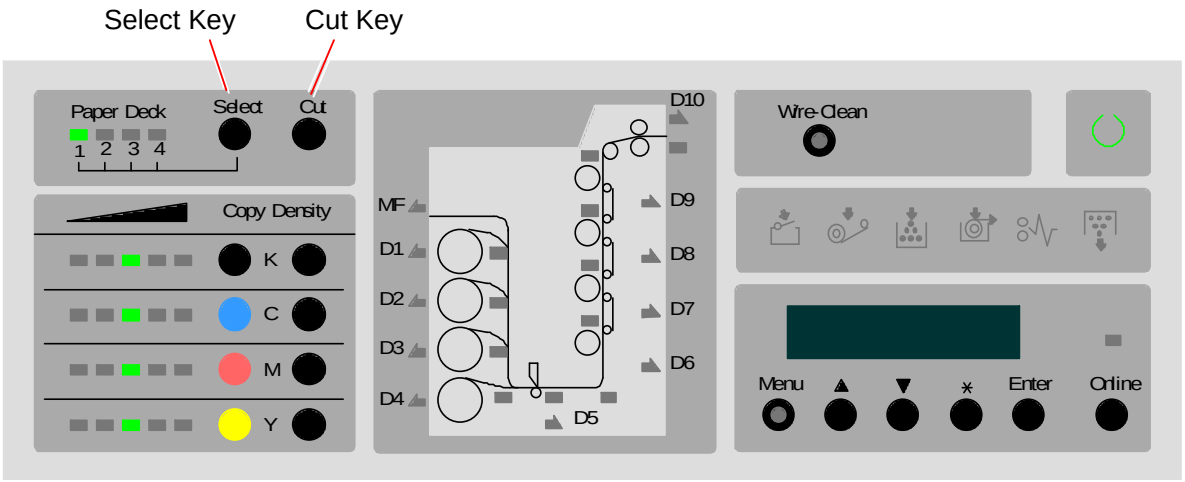
7. Close the Transportation Unit 4 and Right Side Door (if opened).




**NOTE**

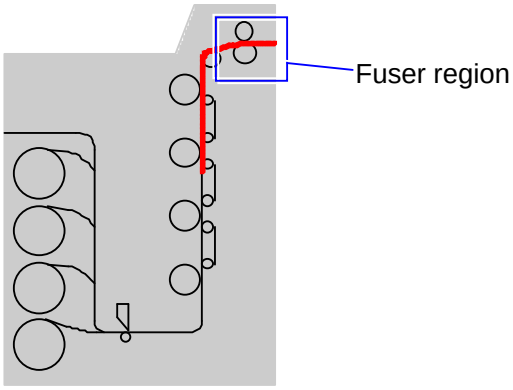
Close the Transportation Unit 4 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Unit 4 may not be locked firmly if not closed surely.

8. Initial Cut is recommended to straighten the leading edge perfectly. Select the concerning Roll Deck Number pressing the SELECT Key, and press the CUT Key to make the Initial Cut. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)



## 3. 2.12 Mis-feed in the Fuser Region (Code: J-0131, J-0231 & J-0431)

When the roll media is mis-fed around the Fuser region, any of J-0131, J-0231 and J-0431 is indicated. (Refer to the following section picture for the location of mis-fed media.)

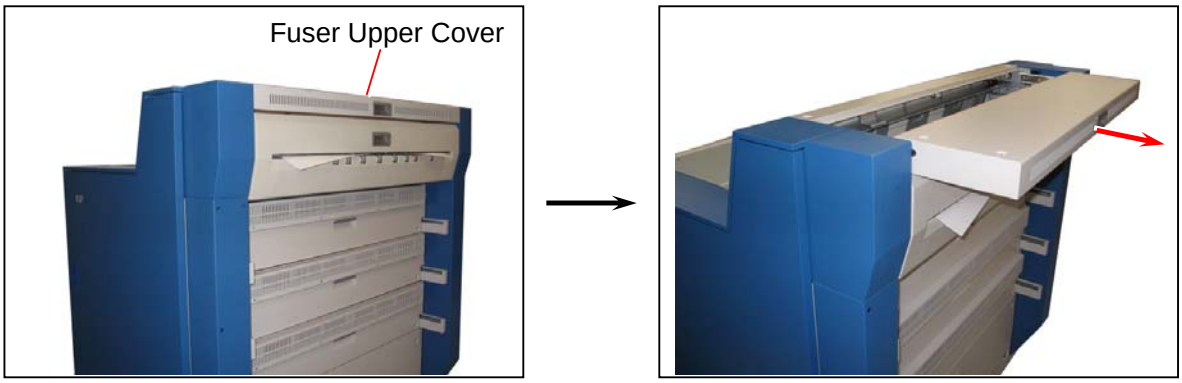



**⚠ CAUTION**

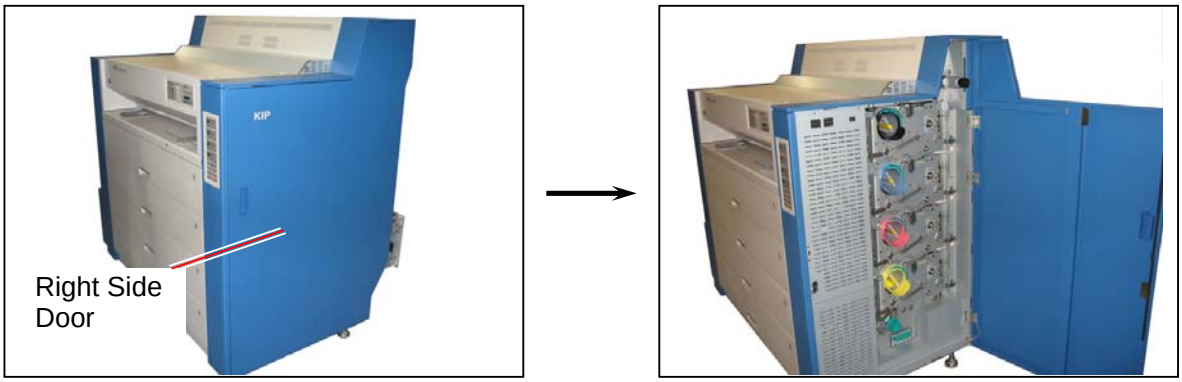
(1) Inside of the covers of the Fuser Region is extremely hot, and the mis-fed media is also hot. Take great care not to be burnt when removing the mis-fed media.
(2) Some sharp parts exist inside of the Fuser Region. Take great care not to be injured touching such part when removing the mis-fed media.

Remove the mis-fed media as instructed in below.

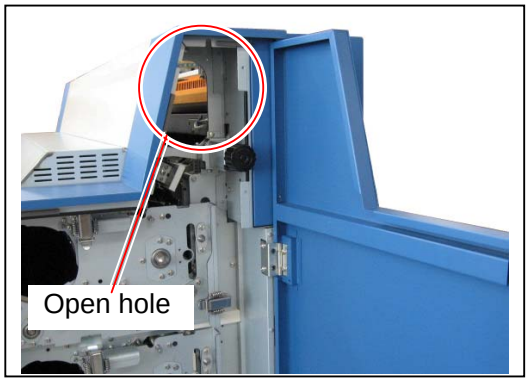
1. Open the Fuser Upper Cover.

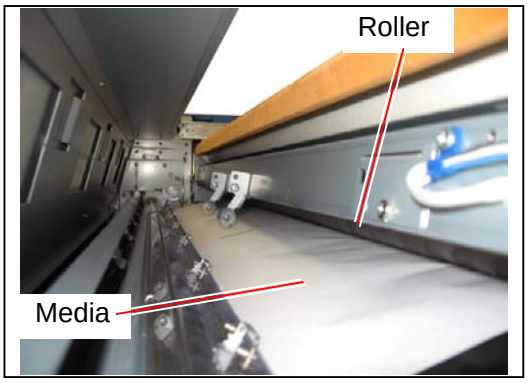



2. Open the Right Side Door.

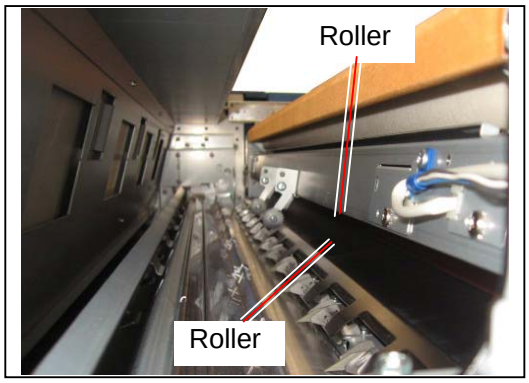


3. Looking into the machine through the open hole on the inside plate, check if the mis-fed is held between the rollers in the Fuser region.
   Whether or not it is held between the rollers decides what to do next.
   - If the media is held between the rollers as the following left photo, proceed to the next procedure 3.
   - If the media is not held as the following right photo, please follow the instruction in [3.2.8 Mis-feed around the Transportation Unit 1 Region (Code: J-0121, J-0221 & J-0421)]



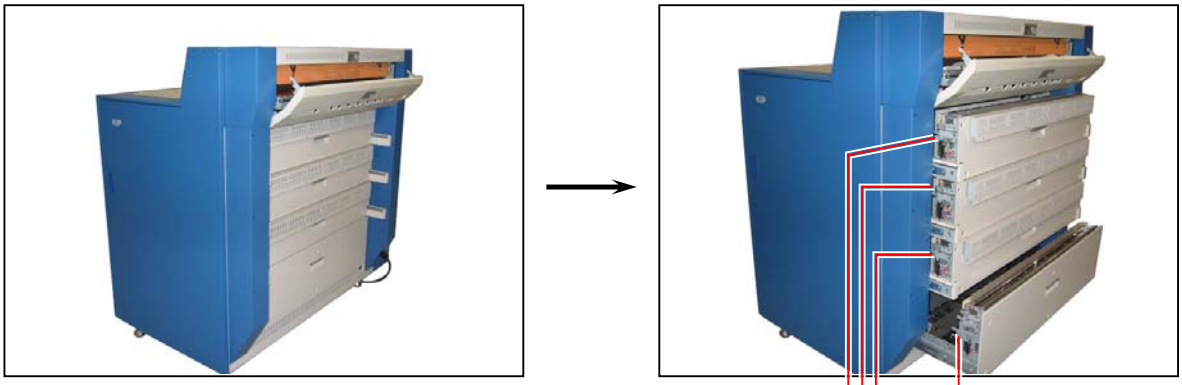




Media is held between rollers.




Media is not held between rollers.

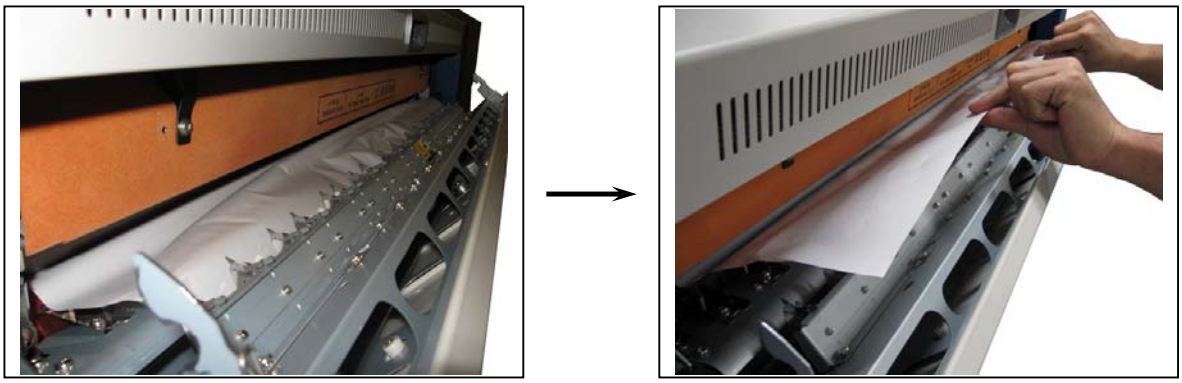
4. Open the Transportation Unit 1 to 4 orderly from the top to the bottom until the leading edge of the mis-fed media is found.




**NOTE**

Make sure to open the Transportation Units before removing the mis-fed media. Otherwise the inside of machine will become dirty with the toner.

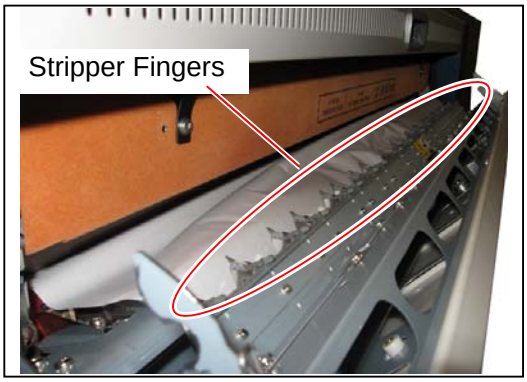
5. If the leading edge of media is hidden under the parts as the following left photo, pull it out so that the media can be removed undisturbed on later procedure.



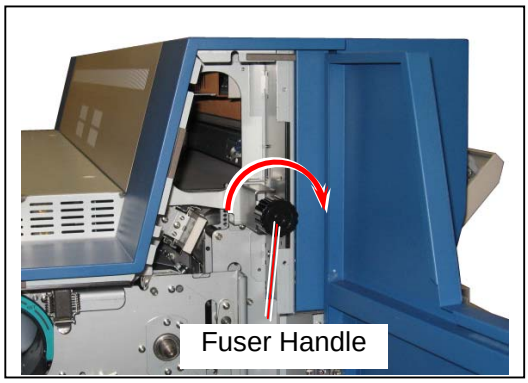
## ⚠ CAUTION

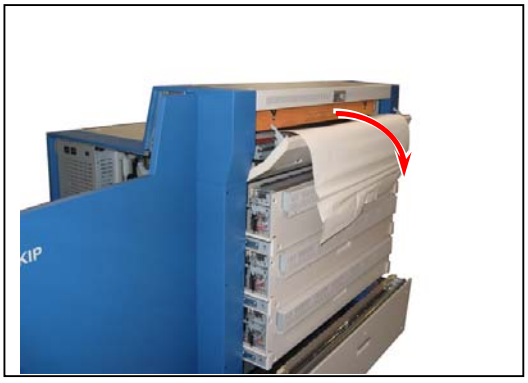
(1) Inside of the covers of the Fuser Region is extremely hot, and the mis-fed media is also hot. Take great care not to be burnt when removing the mis-fed media.

(2) The Stripper Fingers are very sharp. Take great care not to be injured when removing the mis-fed media.



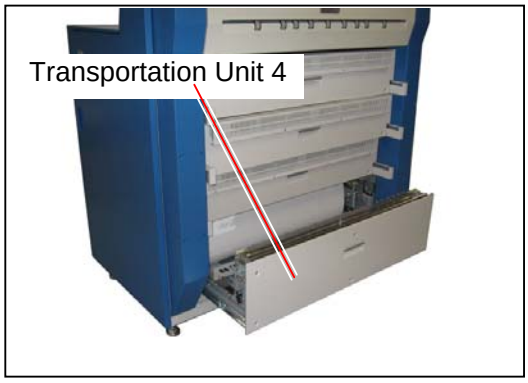
6. Eject the mis-fed media manually by rotate the Fuser Roller Handle in the direction of arrow by hand.



Mis-fed media is ejected.

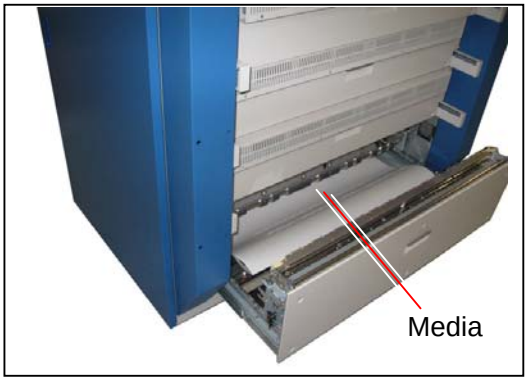
7. After removing the mis-fed media from the Fuser region, close all the covers and units except for the Transportation Unit 4.




**NOTE**

Close the Transportation Units 1-3 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Units may not be locked firmly if not closed surely.

8. Check if the media is found around the Transportation Unit 4. Whether or not the media is found decides what to do next.
   - If the media is found as the following left photo, proceed to the next procedure 9 to cut the roll media.
   - If it is not found, no more operation is required. Just close the Transportation Unit 4. The concerned roll deck automatically rewinds the leading edge to the print start position.

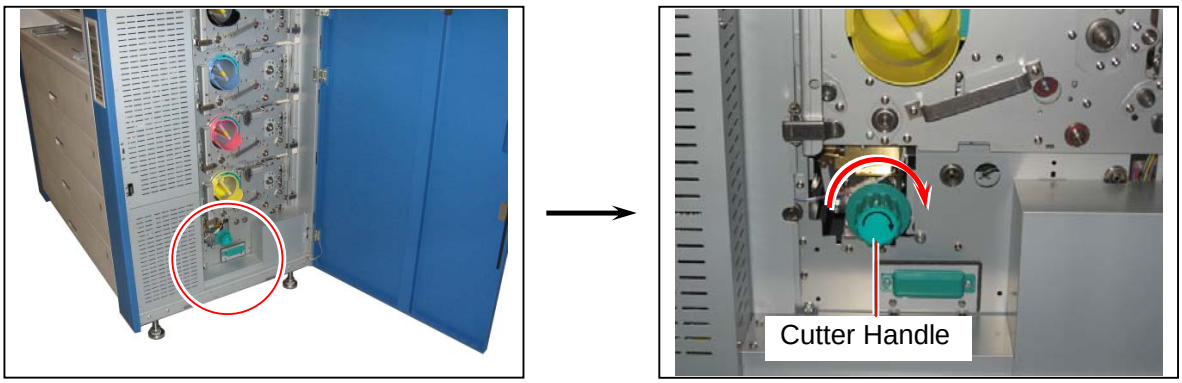



Media is found

Media is not found

9. Open the Right Side Door again, if it is closed.

10. Rotate the Cutter Handle one revolution in the direction of arrow to cut the roll media manually.




## CAUTION

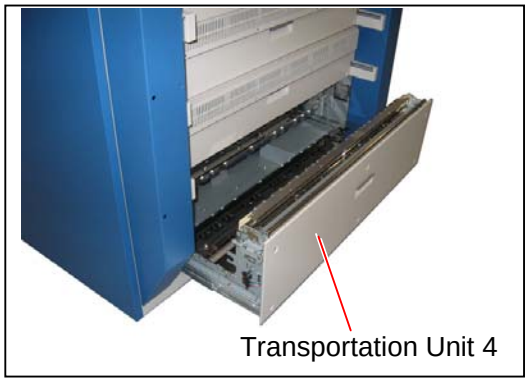
(1) Do not rotate the Cutter Handle to the other direction as the cutter blade may be broken.
(2) Do not rotate the Cutter Handle more than once. Otherwise it may result in paper feeding malfunction.

## NOTE

Initial Cut will be required on the later procedure as manual cutting by Cutter Handle can not make the leading edge perpendicular to the side edge.

11. Remove the media from the Transportation Unit 4 region.

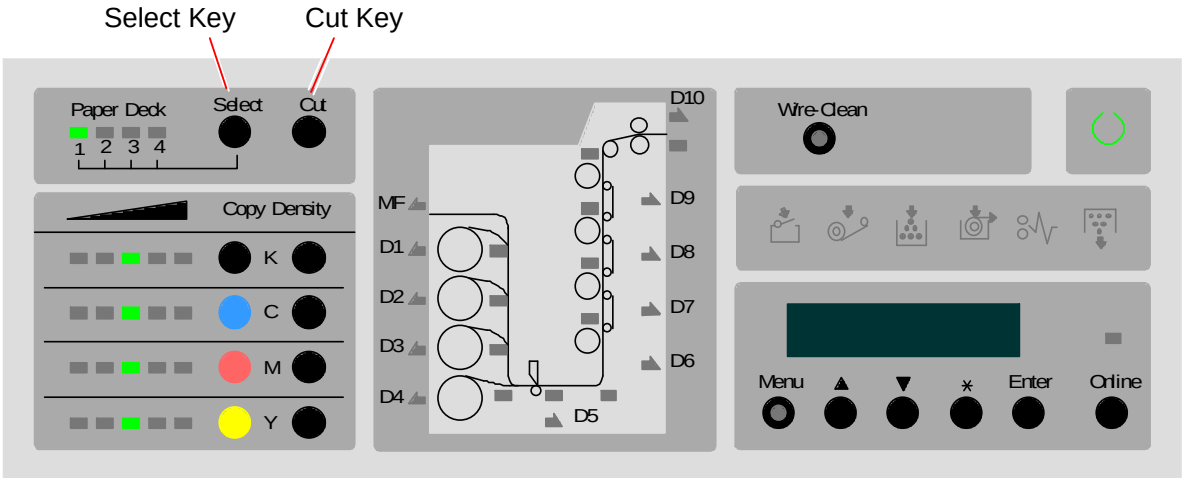
12. Close the Transportation Unit 4 and Right Side Door.




**NOTE**

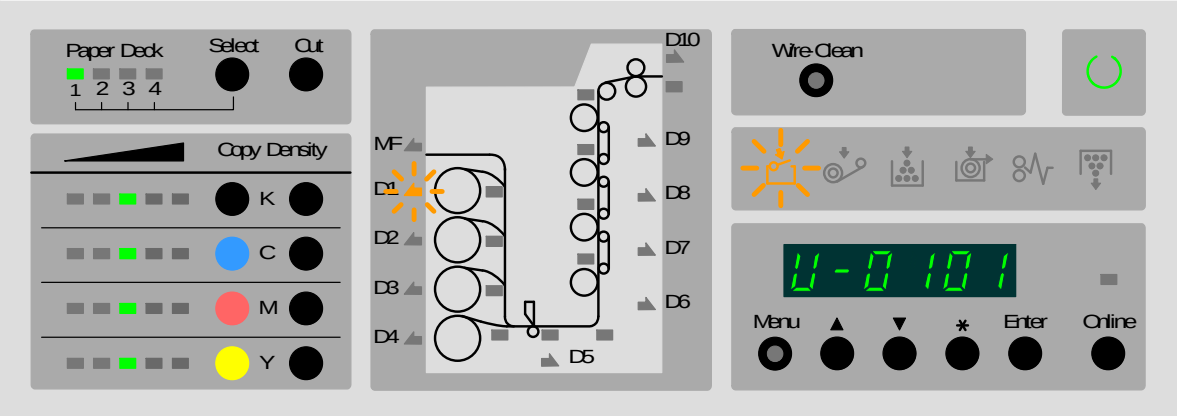
Close the Transportation Unit 4 **surely and gently**. The inside part of machine may be damaged if closed roughly. And the Transportation Unit 4 may not be locked firmly if not closed surely.

13. Initial Cut is recommended to straighten the leading edge perfectly. Select the concerning Roll Deck Number pressing the SELECT Key, and press the CUT Key to make the Initial Cut. (Details of the Initial Cut are described in [1.2.8 Initial Cut (Straighten the leading edge of roll media)] on page 1-40.)

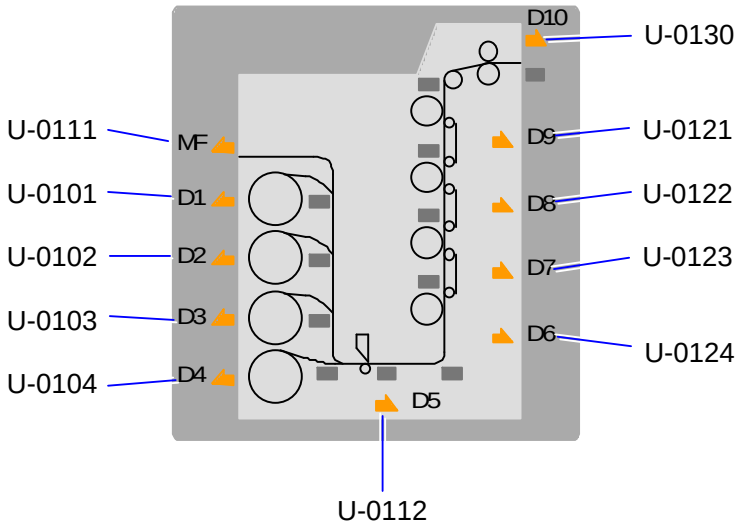


# 3. 3 Open Errors (Codes: U-xxxx)

If any door, cover or unit is open, the Open Indicator on the Operation Panel lights orange. The location of open item is noticed by the lamp indication of the Mis-feed / Open Location Indicator and the “open code” (U-xxxx) on the Status Display.




LED lamp indication on the Mis-feed / Open Location Indicator and open codes on the Status Display are related as follows.




## NOTES

(1) The above are not all the open codes. Note that some open code has no concerning LED Lamp on the Mis-feed / Open Location Indicator.

(2) Please call your service staff if any of the following open error codes are indicated. These errors can be fixed by a well trained technician only.

U-0141
U-0142
U-0143
U-0144

## 3. 3. 1 Roll Deck 1 open (Code: U-0101)

U-0101 is indicated when the Roll Deck 1 is opened or not locked completely.
Close the Roll Deck 1 firmly to clear the error.

## 3. 3. 2 Roll Deck 2 open (Code: U-0102)

U-0102 is indicated when the Roll Deck 2 is opened or not locked completely.
Close the Roll Deck 2 firmly to clear the error.

## 3. 3. 3 Roll Deck 3 open (Code: U-0103)

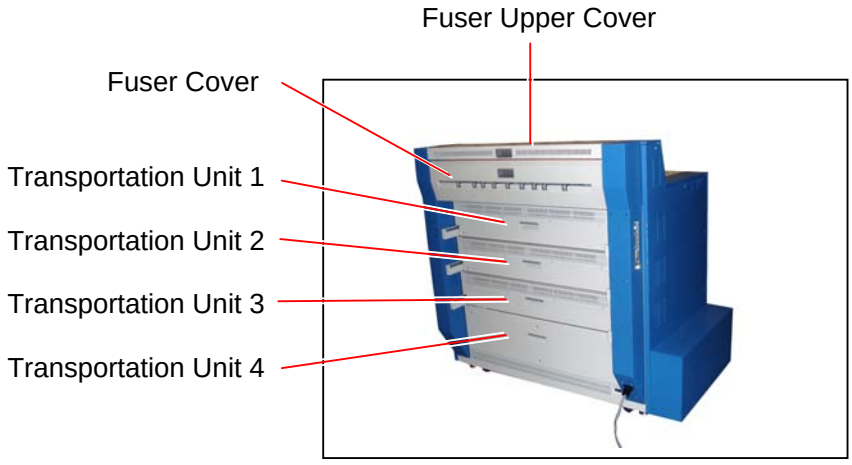
U-0103 is indicated when the Roll Deck 3 is opened or not locked completely.
Close the Roll Deck 3 firmly to clear the error.

## 3. 3. 4 Roll Deck 4 open (Code: U-0104)

U-0104 is indicated when the Roll Deck 4 is opened or not locked completely.
Close the Roll Deck 4 firmly to clear the error.

## 3. 3. 5 Interlock open (Code: U-0110)

U-0110 is indicated when any of the following part is opened.
Close each of them firmly to clear the error.

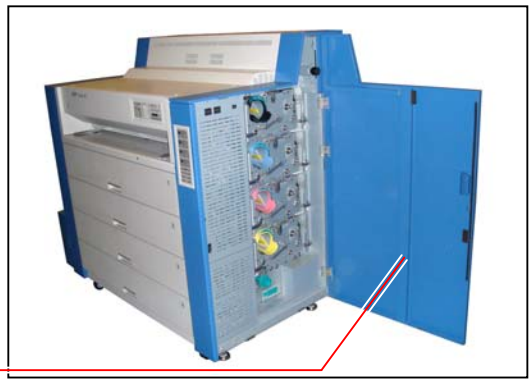


## 3. 3. 6 Bypass Feeder open (Code: U-0111)

U-0111 is indicated when the Bypass Feeder is opened or not locked completely.
Close the Bypass Feeder firmly to clear the error.

## 3. 3. 7 Right Side Door open (Code: U-0112)

U-0112 is indicated when the Right Side Door is opened or not locked completely.
Close the Right Side Door firmly to clear the error.

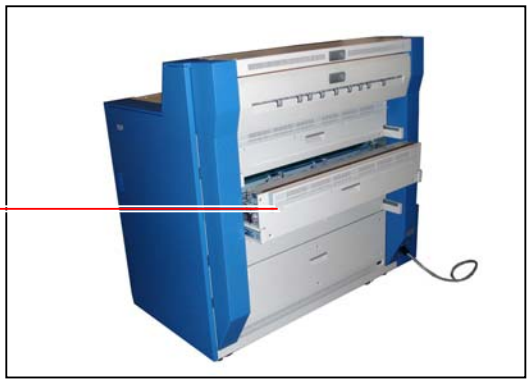



## 3. 3. 8 Transportation Unit 1 open (Code: U-0121)

U-0121 is indicated when the Transportation Unit 1 is opened or not locked completely.
Close the Transportation Unit 1 firmly to clear the error.

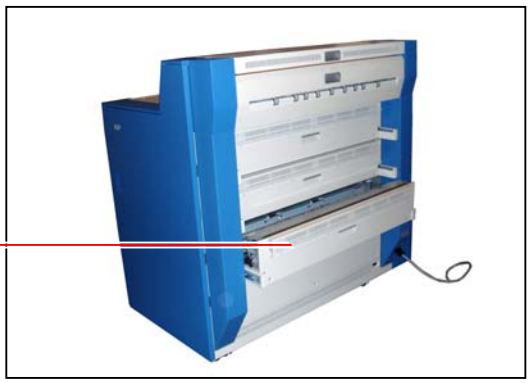
## 3. 3. 9 Transportation Unit 2 open (Code: U-0122)

U-0122 is indicated when the Transportation Unit 2 is opened or not locked completely.
Close the Transportation Unit 2 firmly to clear the error.




## 3. 3.10 Transportation Unit 3 open (Code: U-0123)

U-0123 is indicated when the Transportation Unit 3 is opened or not locked completely.
Close the Transportation Unit 3 firmly to clear the error.




## 3. 3.11 Transportation Unit 4 open (Code: U-0124)

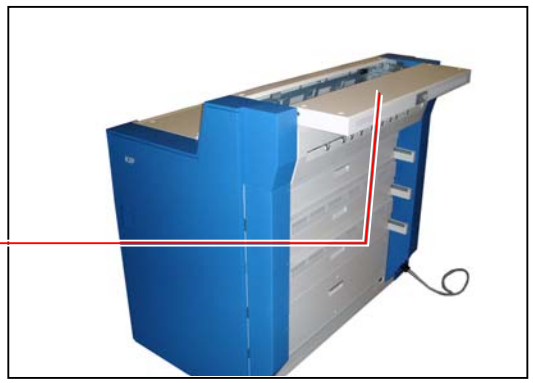
U-0124 is indicated when the Transportation Unit 4 is opened or not locked completely.
Close the Transportation Unit 4 firmly to clear the error.

## 3. 3.12 Fuser Cover open (Code: U-0130)

U-0130 is indicated when the Fuser Cover is opened or not locked completely.
Close the Fuser Cover firmly to clear the error.

## 3. 3.13 Fuser Upper Cover open (Code: U-0131)

U-0131 is indicated when the Fuser Upper Cover is opened or not locked completely.
Close the Fuser Upper Cover firmly to clear the error.




## 3. 3.14 Waste Toner Door open (Code: U-0140)

U-0140 is indicated when the Waste Toner Door is opened or not locked completely.
Close the Waste Toner Door firmly to clear the error.

## 3. 3.15 Waste Toner Box is not set (Code: U-0150)

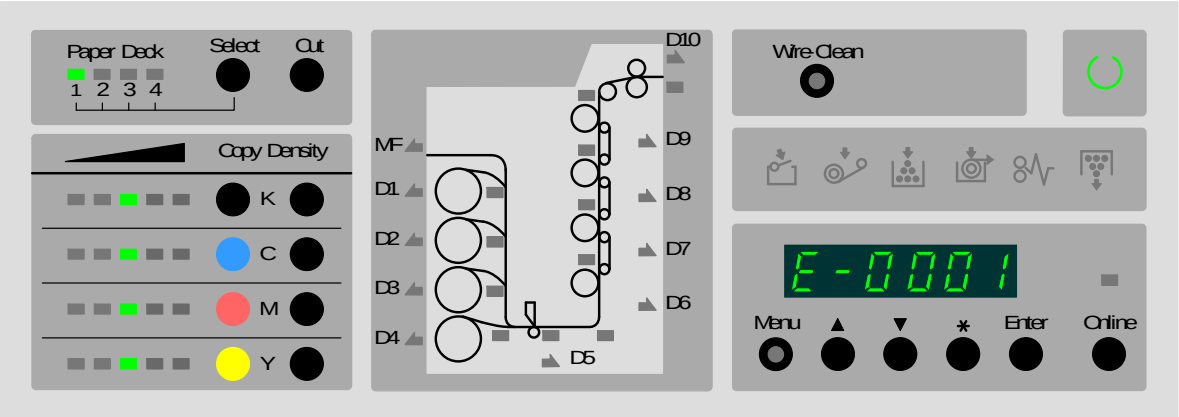
U-0150 is indicated when the Waste Toner Box is not set correctly.
Set the Waste Toner Box correctly to clear the error.

## 3. 3.16 Folder Cover open (Code: U-01A1)

U-011A1 is indicated when the cover of the Folder is opened or not locked completely.
Close the cover firmly to clear the error.

# 3. 4 Call Service Errors (Codes: E-xxxx)

When a significant problem occurs, the KIP Color 80 stops the operation indicating any “service call error codes” (E-xxxx) on the Status Display. Call the service staff immediately as these problems can be fixed by a well trained technician only.




Before calling the service staff, try to turn on/off the KIP Color 80. If “E-xxxx” is indicated again, turn off the machine, unplug it, and call the service staff with reporting the error code.

**NOTE**

(1) The following errors may be cleared temporarily in the User Modes 04, 05, 06 & 07. Refer to the concerning pages for the detail of each of them.
- E-2132 : [1.2.9.4 User Mode 04 (Temporary clearance of E-2132)] on page 1-48.
- E-2232 : [1.2.9.5 User Mode 05 (Temporary clearance of E-2232)] on page 1-50.
- E-2332 : [1.2.9.6 User Mode 06 (Temporary clearance of E-2332)] on page 1-52.
- E-2432 : [1.2.9.7 User Mode 07 (Temporary clearance of E-2432)] on page 1-54.

(2) The following errors may be cleared temporarily in the User Modes 08, 09, 10 & 11. Refer to the concerning pages for the detail of each of them.
- E-2142 : [1.2.9.8 User Mode 08 (Temporary clearance of E-2142)] on page 1-56.
- E-2242 : [1.2.9.9 User Mode 09 (Temporary clearance of E-2242)] on page 1-58.
- E-2342 : [1.2.9.10 User Mode 10 (Temporary clearance of E-2342)] on page 1-60.
- E-2442 : [1.2.9.11 User Mode 11 (Temporary clearance of E-2442)] on page 1-62.

The followings are possible service call error codes.

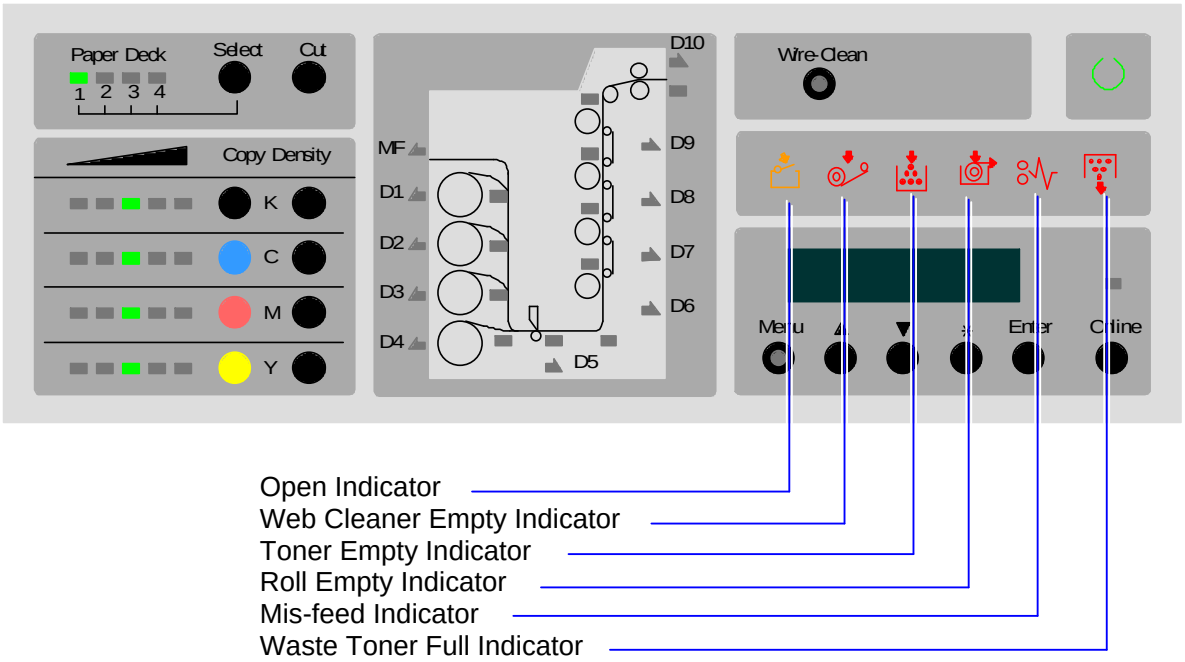
| Service call error code | Error Name |
|---|---|
| E-0001 | Fuser temperature rising error |
| E-0002 | Fuser abnormal high temperature error |
| E-0011 | Web feeding error |
| E-0020 | Fuser thermostat error |
| E-0051 | Web end error |
| E-1012 | Registration roller motor 4 error |
| E-1114 | Transportation unit 1 motor error |
| E-1214 | Transportation unit 2 motor error |
| E-1314 | Transportation unit 3 motor error |
| E-1021 | Cutter error |
| E-2010 | Waste toner motor error |
| E-2111 | Drum motor 1 error |
| E-2112 | Developer motor 1 error |
| E-2113 | Developer press motor 1 error |
| E-2114 | Image corona 1 cleaning error (Delay) |

| Service call error code | Error Name |
|---|---|
| E-2115 | Image corona 1 cleaning error (Early) |
| E-2116 | Image corona 1 cleaning error (Over current) |
| E-2117 | Toner cartridge motor 1 error |
| E-2121 | Image corona 1 output error |
| E-2122 | Transfer corona 1 output error |
| E-2123 | Separation corona 1 output error |
| E-2124 | Developer bias 1 output error |
| E-2132 | Automatic surface potential control 1 error |
| E-2141 | Density sensor 1 error |
| E-2142 | Automatic density control 1 error |
| E-2150 | Developer unit 1 missing error |
| E-2161 | Head 1 error (LED head unit 1) |
| E-2162 | Head 2 error (LED head unit 1) |
| E-2163 | Head 3 error (LED head unit 1) |
| E-2211 | Drum motor 2 error |
| E-2212 | Developer motor 2 error |
| E-2213 | Developer press motor 2 error |
| E-2214 | Image corona 2 cleaning error (Delay) |
| E-2215 | Image corona 2 cleaning error (Early) |
| E-2216 | Image corona 2 cleaning error (Over current) |
| E-2217 | Toner cartridge motor 2 error |
| E-2221 | Image corona 2 output error |
| E-2222 | Transfer corona 2 output error |
| E-2223 | Separation corona 2 output error |
| E-2224 | Developer bias 2 output error |
| E-2232 | Automatic surface potential control 2 error |
| E-2241 | Density sensor 2 error |
| E-2242 | Automatic density control 2 error |
| E-2250 | Developer unit 2 missing error |
| E-2261 | Head 1 error (LED head unit 2) |
| E-2262 | Head 2 error (LED head unit 2) |
| E-2263 | Head 3 error (LED head unit 2) |
| E-2311 | Drum motor 3 error |
| E-2312 | Developer motor 3 error |
| E-2313 | Developer press motor 3 error |
| E-2314 | Image corona 3 cleaning error (Delay) |
| E-2315 | Image corona 3 cleaning error (Early) |
| E-2316 | Image corona 3 cleaning error (Over current) |
| E-2317 | Toner cartridge motor 3 error |
| E-2321 | Image corona 3 output error |
| E-2322 | Transfer corona 3 output error |
| E-2323 | Separation corona 3 output error |
| E-2324 | Developer bias 3 output error |
| E-2332 | Automatic surface potential control 3 error |
| E-2341 | Density sensor 3 error |
| E-2342 | Automatic density control 3 error |
| E-2350 | Developer unit 3 missing error |
| E-2361 | Head 1 error (LED head unit 3) |
| E-2362 | Head 2 error (LED head unit 3) |
| E-2363 | Head 3 error (LED head unit 3) |
| E-2411 | Drum motor 4 error |
| E-2412 | Developer motor 4 error |
| E-2413 | Developer press motor 4 error |

| Service call error code | Error Name |
|---|---|
| E-2414 | Image corona 4 cleaning error (Delay) |
| E-2415 | Image corona 4 cleaning error (Early) |
| E-2416 | Image corona 4 cleaning error (Over current) |
| E-2417 | Toner cartridge motor 4 error |
| E-2421 | Image corona 4 output error |
| E-2422 | Transfer corona 4 output error |
| E-2423 | Separation corona 4 output error |
| E-2424 | Developer bias 4 output error |
| E-2432 | Automatic surface potential control 4 error |
| E-2441 | Density sensor 4 error |
| E-2442 | Automatic density control 4 error |
| E-2450 | Developer unit 4 missing error |
| E-2461 | Head 1 error (LED head unit 4) |
| E-2462 | Head 2 error (LED head unit 4) |
| E-2463 | Head 3 error (LED head unit 4) |
| E-3001 | Color Sensor error (Process 1) |
| E-3002 | Color Sensor error (Process 2) |
| E-3003 | Color Sensor error (Process 3) |
| E-3004 | Color Sensor error (Process 4) |
| E-3011 | Color Sensor reading error (Process 1) |
| E-3012 | Color Sensor reading error (Process 2) |
| E-3013 | Color Sensor reading error (Process 3) |
| E-3014 | Color Sensor reading error (Process 4) |
| E-A001 | Flash memory writing error |
| E-A010 | IO board A communication error |
| E-A011 | IO board B communication error |

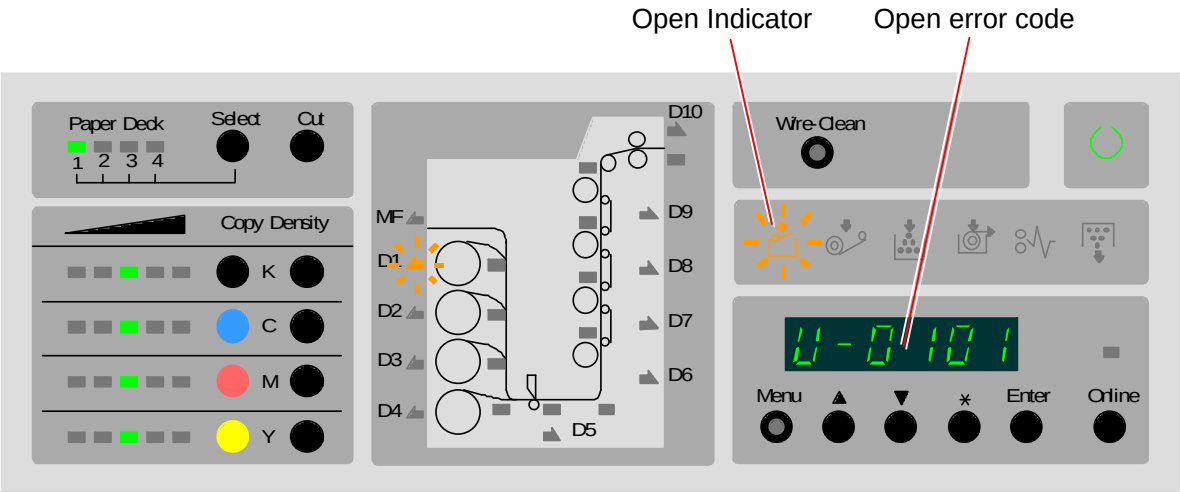
# 3. 5 Error Indicators

The Error Indicators on the Operation Panel informs the type of error.



## 3. 5. 1 Open Indicator

The Open Indicator lights orange when any door, cover or unit is open. An open error code is indicated on the Status Display showing the location of open item.




According to the open error code, see each of the following pages for the solution of error.

| Open error code | Open item | Reference page for the solution |
|---|---|---|
| U-0101 | Roll Deck 1 open | 1-121 |
| U-0102 | Roll Deck 2 open | 1-121 |
| U-0103 | Roll Deck 3 open | 1-121 |
| U-0104 | Roll Deck 4 open | 1-122 |
| U-0110 | Interlock open | 1-122 |
| U-0111 | Bypass Feeder open | 1-123 |
| U-0112 | Right Side Door open | 1-123 |
| U-0120 | Transportation Unit 1 open | 1-123 |
| U-0121 | Transportation Unit 2 open | 1-124 |
| U-0122 | Transportation Unit 3 open | 1-124 |
| U-0123 | Transportation Unit 4 open | 1-124 |
| U-0130 | Fuser Cover open | 1-125 |
| U-0131 | Fuser Upper Cover open | 1-125 |
| U-0140 | Waste Toner Door open | 1-125 |
| U-0141 | | - |
| U-0142 | | - |
| U-0143 | | - |
| U-0144 | | - |
| U-0150 | Waste Toner Box is not set | 1-126 |
| U-01A1 | Folder Cover is open | 1-126 |

**NOTE**

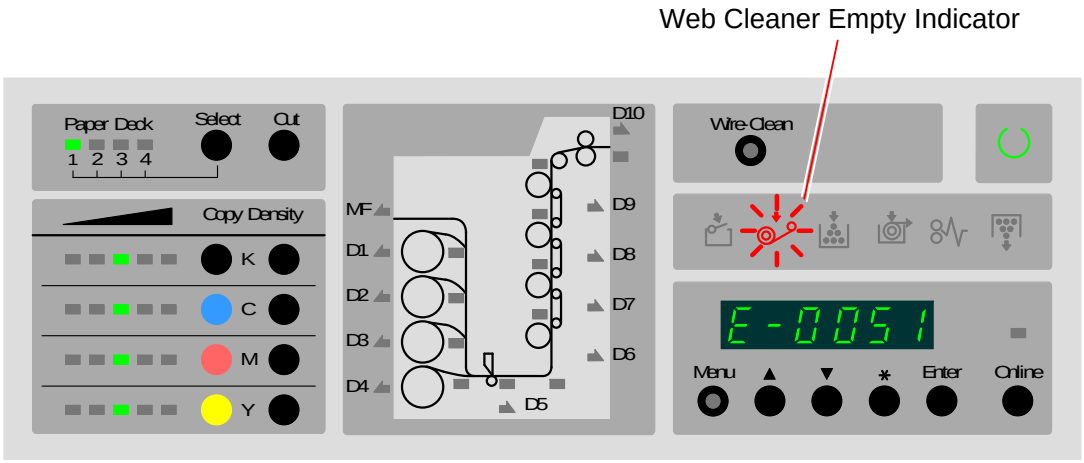
Please call your service staff if any of the following open error codes are indicated. These errors can be fixed by a well trained technician only.

U-0141
U-0142
U-0143
U-0144

## 3. 5. 2 Web Cleaner Empty Indicator

The Web Cleaner Empty Indicator flashes red when the Web Cleaner is near empty. Some more print is still available but it is recommended to inform the service staff that the indicator starts flashing.

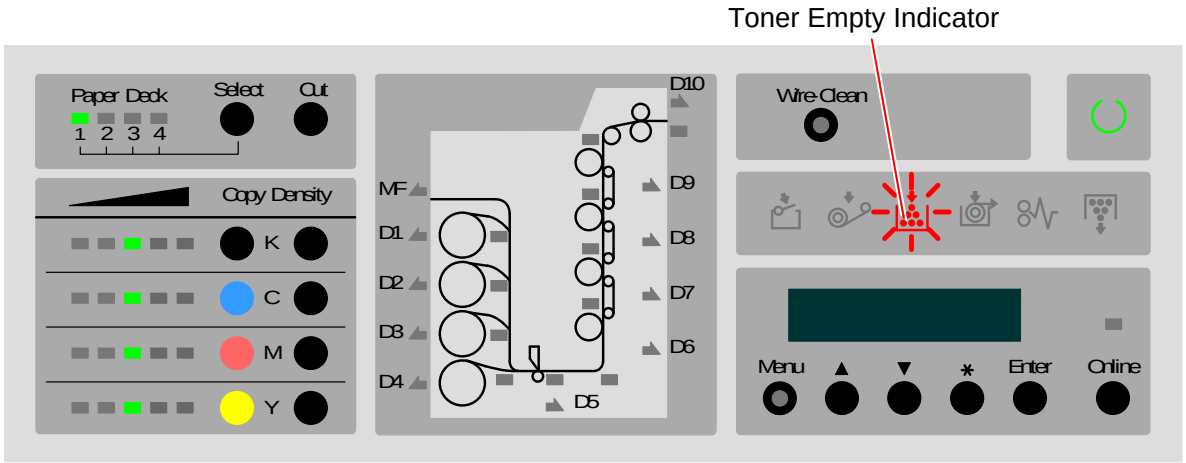
When the Web Cleaner is empty, the Web Cleaner Empty Indicator lights red. No more print is available unless the Web Cleaner is replaced. Call the service staff for replacement.




> **NOTE**
>
> Web Cleaner can be replaced by a well trained technician only.

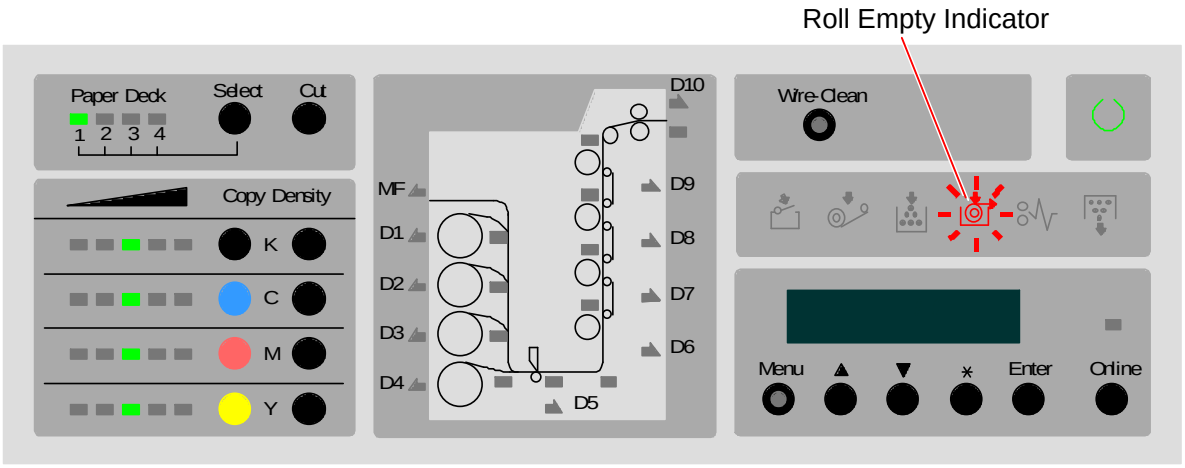
## 3. 5. 3 Toner Empty Indicator

The Toner Empty Indicator lights red when any Toner Cartridge is empty. No more print is available unless the concerning Toner Cartridge is replaced. See [1.2.5 Replacing the Toner Cartridge] on page 1-30 for the replacement procedure.



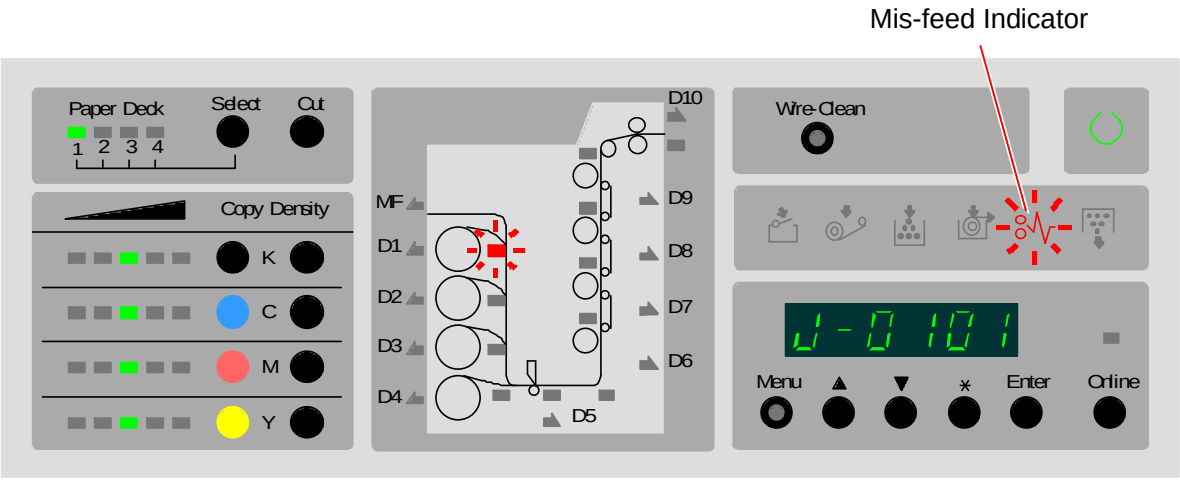
## 3. 5. 4 Roll Empty Indicator

The Roll Empty Indicator lights red when the used roll media is emptied. See [1.2.3 Replacing the Roll Media] on page 1-19 for the replacement procedure.



## 3. 5. 5 Mis-feed Indicator

The Mis-feed indicator lights red when a printing media is mis-fed anywhere in the KIP Color 80. A mis-feed code is indicated on the Status Display showing the location of mis-fed media.



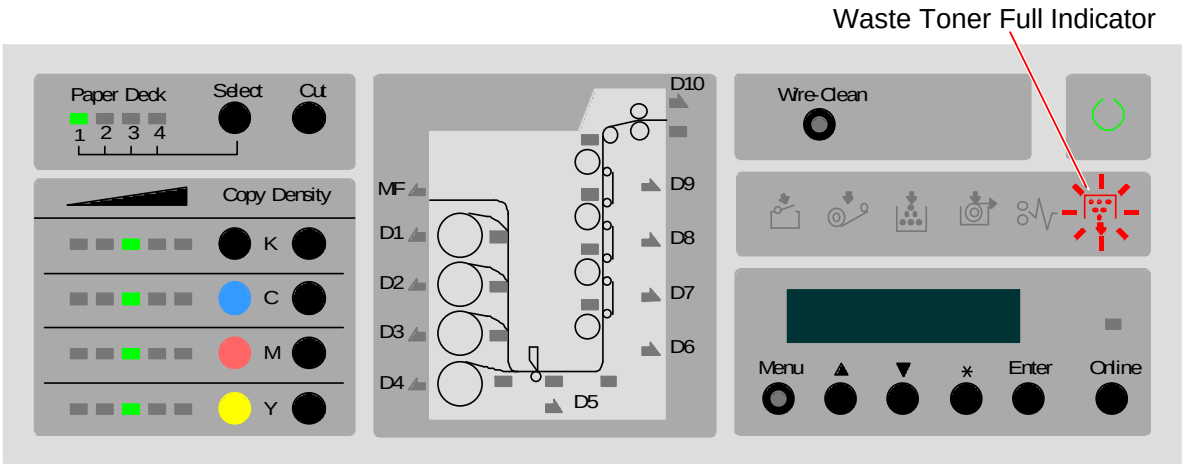

According to the mis-feed code, see each of the following pages for the solution of error.

| Mis-feed code | Error Name | Reference page for the solution |
|---|---|---|
| J-0101 | Roll Deck 1 Region | 1-76 |
| J-0201 | | |
| J-0401 | | |
| J-0102 | Roll Deck 2 Region | 1-79 |
| J-0202 | | |
| J-0402 | | |
| J-0103 | Roll Deck 3 Region | 1-82 |
| J-0203 | | |
| J-0403 | | |
| J-0104 | Roll Deck 4 Region | 1-85 |
| J-0204 | | |
| J-0404 | | |
| J-0105 | Bypass Feeder Region | 1-88 |
| J-0205 | | |
| J-0405 | | |
| J-0111 | Cutter Region | 1-89 |
| J-0211 | | |
| J-0411 | | |
| J-0112 | Bottom Corner Region | 1-92 |
| J-0212 | | |
| J-0412 | | |
| J-0121 | Transportation Unit 1 Region | 1-95 |
| J-0221 | | |
| J-0421 | | |
| J-0122 | Transportation Unit 2 Region | 1-100 |
| J-0222 | | |
| J-0422 | | |

| Mis-feed code | Error Name | Reference page for the solution |
|---|---|---|
| J-0123 | Transportation Unit 3 Region | 1-105 |
| J-0223 | | |
| J-0423 | | |
| J-0124 | Transportation Unit 4 Region | 1-110 |
| J-0224 | | |
| J-0424 | | |
| J-0131 | Fuser Region | 1-114 |
| J-0231 | | |
| J-0431 | | |
| J-0181 | Auto Stacker | |
| J-0281 | | |
| J-0481 | | |
| J-0182 | Folder | |
| J-0282 | | |
| J-0482 | | |

## 3. 5. 6 Waste Toner Full Indicator

The Waste Toner Full Indicator lights red when the Waste Toner Box is filled with the toner. No more print is available unless the Waste Toner Box is replaced. See [1.2.6 Replacing the Waste Toner Box] on page 1-34 for the replacement procedure.




**NOTE**

Waste Toner Full Indicator also lights when Waste Toner Box is not installed correctly.

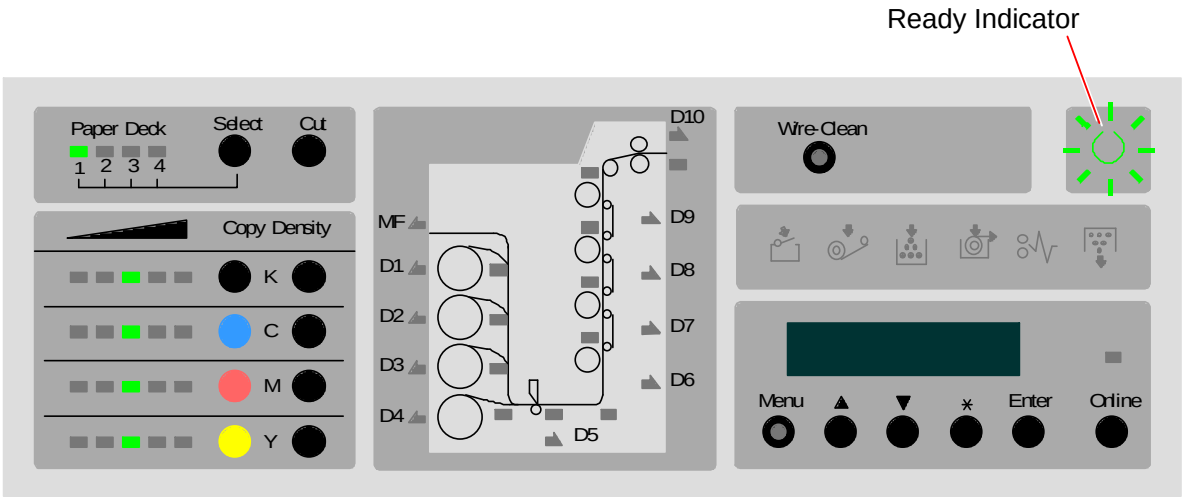
# 3. 6 Other Indications (Not error)

## 3. 6. 1 Flash of Ready Indicator

The Ready Indicator may suddenly starts flashing during normal use. The KIP Color 80 does not make any print when it is lighting even if many jobs are waiting to be printed out. This occurs when the media type is changed from one to another, because it requires changing the temperature of Fuser region. The KIP Color 80 will restart printing automatically when the Ready Indicator stops flashing. (You have to do nothing especially.)

**Reference**

Each media type has its own best temperature for image fusing. Switching of media type requires readjustment of the temperature of Fuser region to newly selected media type. The Ready Indicator flashes when the temperature is being changed, and printing will not be available until readjustment of temperature is completed.




**NOTE**

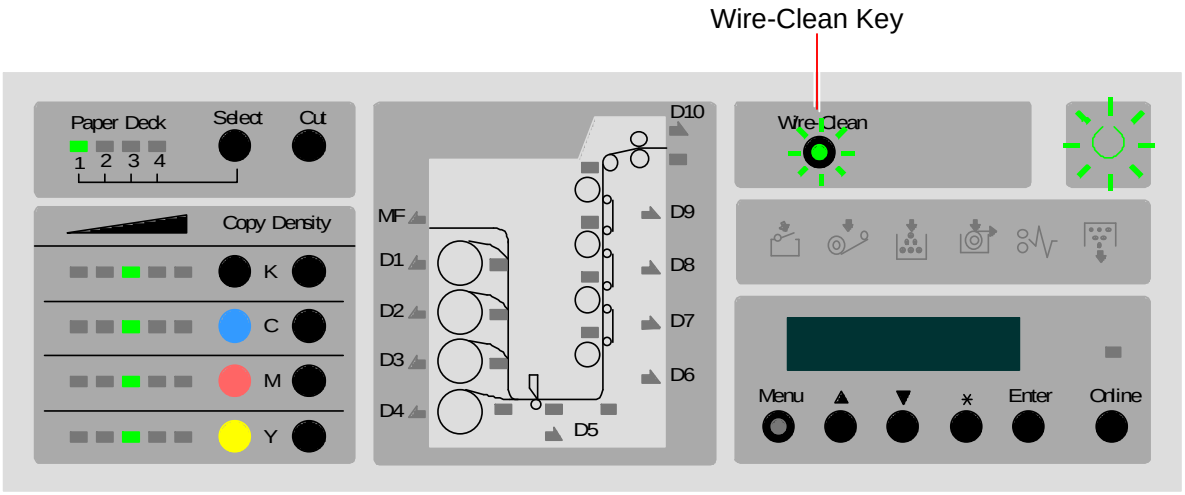
The case may occur in the following situations.

- When the installation room is extremely cold
- When the input AC power is lower than the requirement
- For many prints on a thick printing media as it robs more fever from the Fuser.

## 3. 6. 2 Flash of Wire-Clean Key

The Wire-Clean Key may flash green synchronized with the Ready Indicator when turning on the KIP Color 80. When it is flashing, the wire of the internal imaging component is automatically cleaned to avoid the image problem. It stops flashing automatically when wire cleaning is completed.

Please refer to [1.3.7.1 Unnecessary vertical line image on the print] on page 1-140 for the effect of Wire Cleaning.



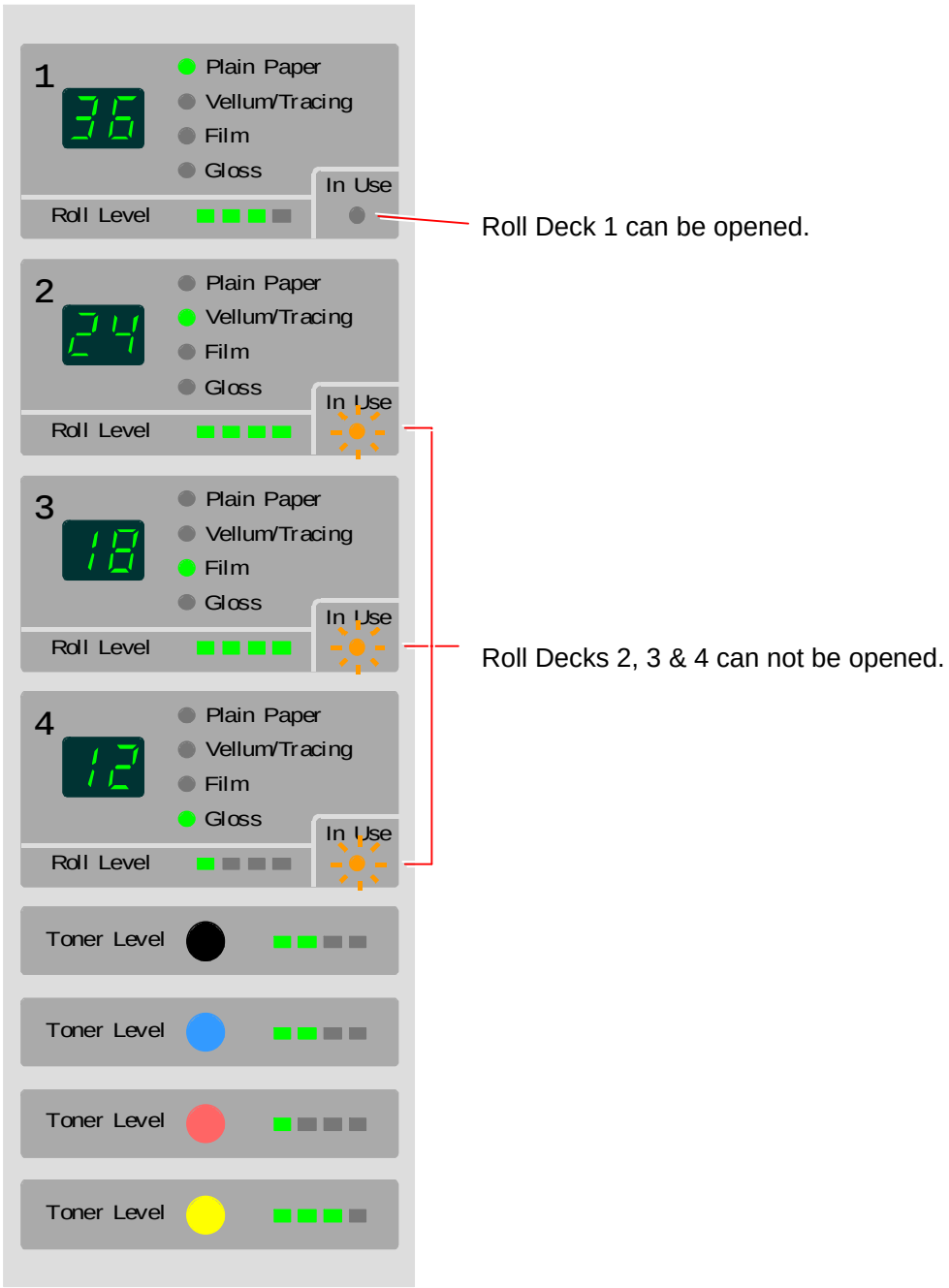

**NOTE**

Automatic wire cleaning is performed only when the KIP Color 80 is turned on after long term of power off.

## 3. 6. 3 “In Use” Indicator

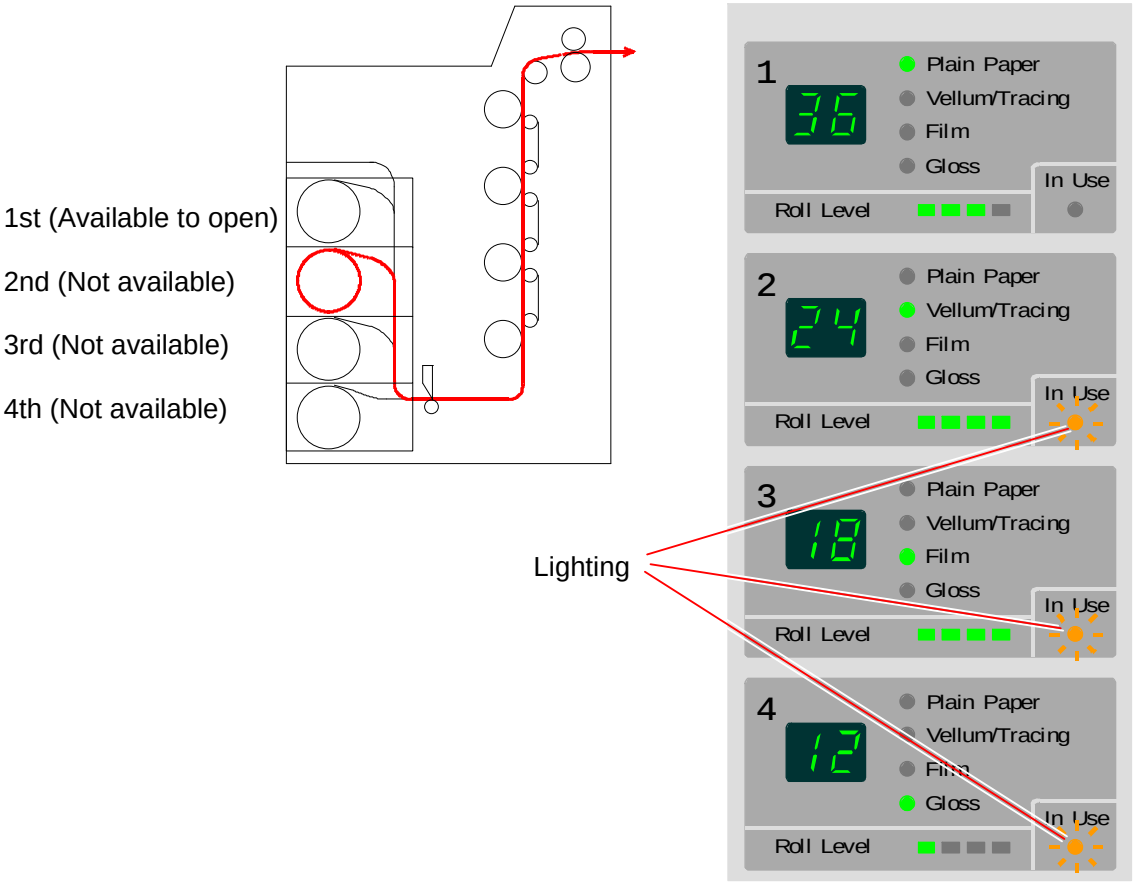
Even if the KIP Color 80 is printing, it may be allowed to open a Roll Deck for replacing the roll media without interrupting the printing operation. Whether a certain Roll Deck can be opened or not during printing is shown by the “In Use” Indicator on the Media & Toner Information Panel.

- The “In Use” Indicator lights orange when the corresponding Roll Deck can not be opened.
- The “In Use” Indicator does off when the corresponding Roll Deck can be opened for replacing the roll media.



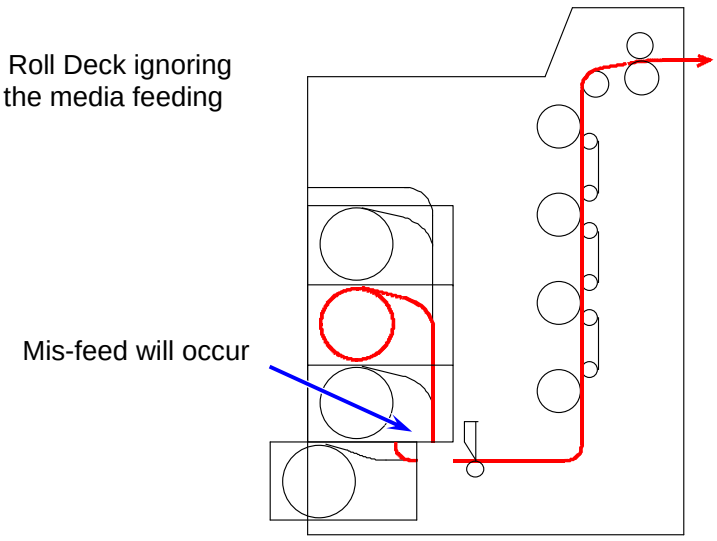
## Reference

As the media feeding path runs through the interior of all Roll Decks, the roll media fed from the upper Roll Deck passes through the interior of all the lower Roll Decks. If the media is fed from the 2nd Roll Deck for example, it passes through the 2nd, 3rd and 4th Roll Decks. At this time the “In Use” Indicators for the 2nd, 3rd and 4th Roll Decks light orange to forbid opening them. The 1st Roll Deck can be opened as the media is not passing its interior, so its “In Use” indicator does not light.




## NOTE

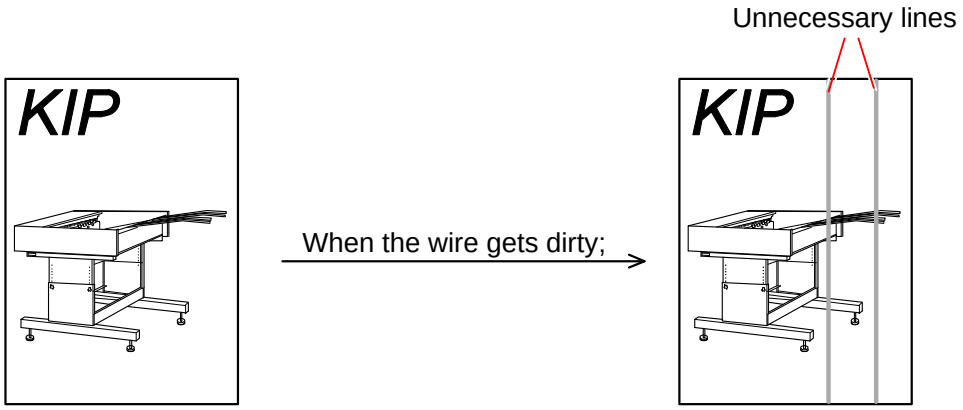
Mis-feed will occur if you open the Roll Deck ignoring the caution of In Use Indicator, as the media feeding path will become out of alignment.



# 3. 7 Treatment for Print Quality Problems

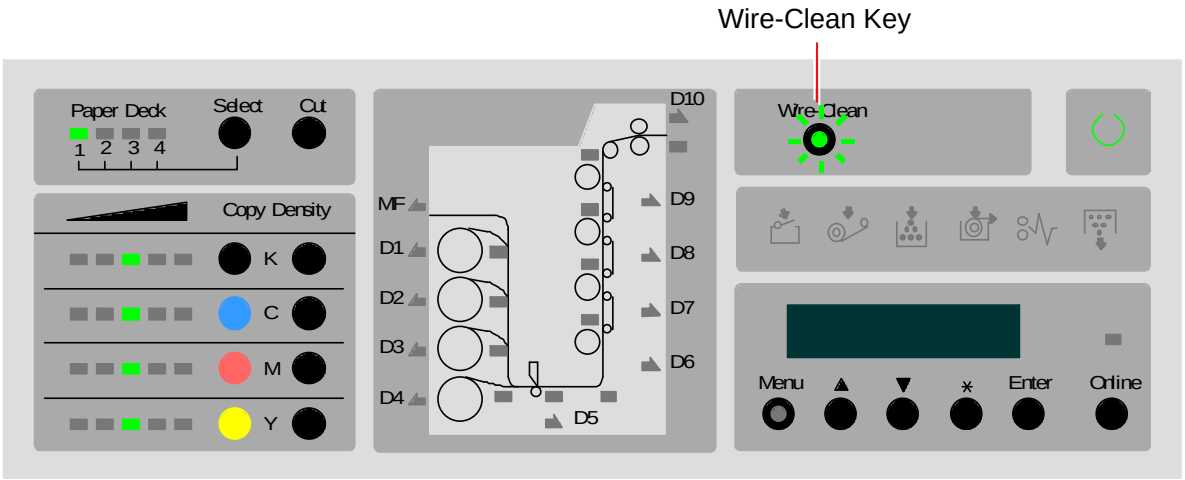
## 3. 7. 1 Unnecessary vertical line image on the print

An unnecessary vertical line which looks not so sharp and about 3mm in width might be printed after a long time usage. This occurs if the wire of the internal imaging component gets dirty. Wire Cleaning is one of the solution for this problem.




When the KIP Color 80 is not printing, press the Wire-Clean Key on the Operation Panel to start Wire Cleaning. The Wire-Clean Key flashes and printing becomes not available during cleaning. The key stops flashing and printing become available when cleaning is finished.

> **NOTE**
>
> Wire Cleaning is not available when the lamp of Wire-Clean Key is not lighting.

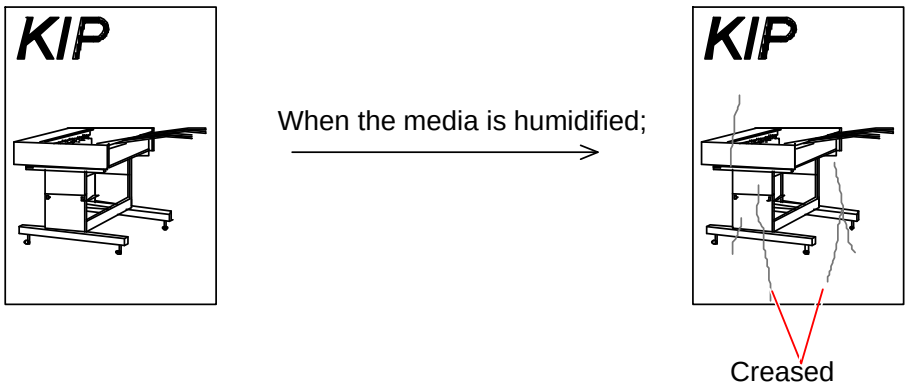



> **Reference**
>
> KIP Color 80 automatically performs Wire Cleaning every time when it is turned on after a long time power off. Automatic Wire Cleaning once in a day like this will be enough in usual usage condition. But please make Wire Cleaning manually pressing the Wire Clean Key in the following usage conditions.
>
> - Very large volume of printing is performed in one day
> - KIP Color 80 is not turned off for 24 hours, even at night

## 3. 7. 2 Crease of the printing media

The printing media may be creased when printed in a humid environment.

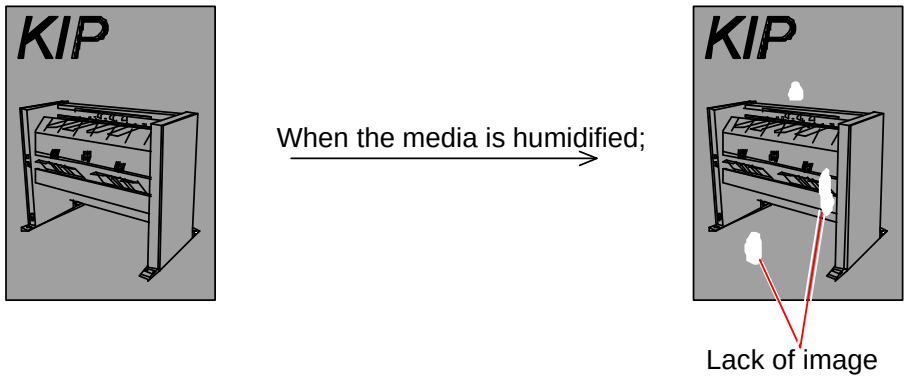
- Store the printing media correctly keeping out the humidity.
- Turn on the Dehumidify Heater of the KIP Color 80 referring to [1.2.7 Dehumidifying the Roll Media] on page 1-38.




## 3. 7. 3 Lack of image

Print image may partially disappear when printed in a humid environment.

- Store the printing media correctly keeping out the humidity.
- Turn on the Dehumidify Heater of the KIP Color 80 referring to [1.2.7 Dehumidifying the Roll Media] on page 1-38.



# 4 IPS Dashboard

## 4. 1 KIP Tab - Main Screen

The main screen of the KIP Color 80 - IPS Dashboard consists of 3 large icons under the “KIP” tab:

a) Request
b) Production Station
c) KC-80 RIP

There are also three other tabs:

a) About
b) Service

which contents are noted later in this chapter.

### 4. 1. 1 Request

The Request button launches an application that allows color and monochrome image files to be printed on the KIP Color 80 as well as other KIP printers. Features such as print quantity, zoom, basic color adjustment, stamping / watermarks, file viewing, pen control, and folding are only some of the features of this application. The file formats that may be printed from this utility include tif, jpg, plt, tlc, pdf, ps, eps, & dwf.

A comprehensive user guide is available for Request and is located on the KIP Color 80 User CD

### 4. 1. 2 Production Station

The Production Station button launches the Copy, Scan, Job Info and ? Modes for the KIP Color 80 system. Dependent on the system (such as the connection of the optional KIP scanner) will enable/disable these sub screens. And as the name implies, color/mono copies scans are produced using these screens.

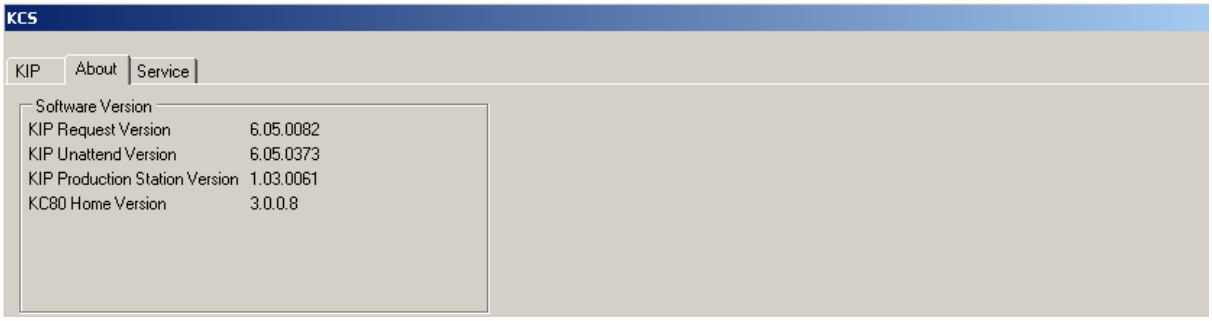
A comprehensive user guide is available for Production Station and is located on the KIP Color 80 User CD

### 4. 1. 3 KC80 RIP

The KC80 RIP button launches the KIP Color RIP software. This software allows the creation of new profiles and advanced colour management / editing features and functions.

A comprehensive user guide is available on the KIP Color RIP software and is located on the KIP Color 80 User CD

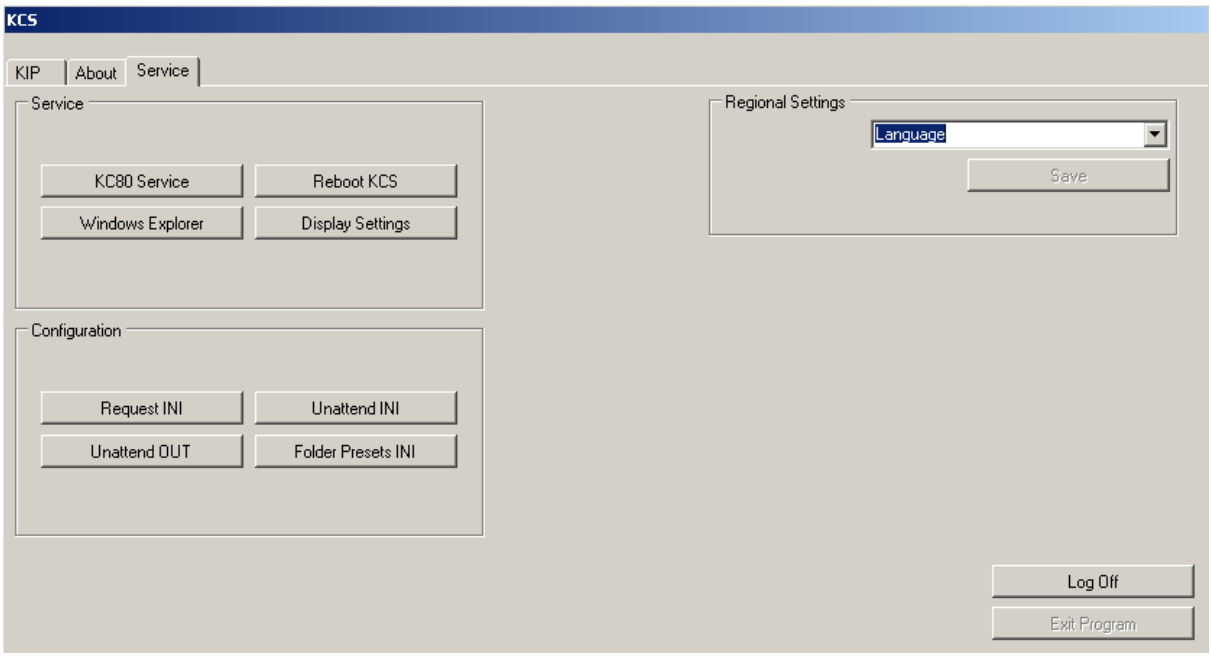
# 4. 2 About Tab




The “About” tab displays current versions of software installed on the KIP color 80 IPS.

NOTE:
The above versions are only an example of the versions and are not necessarily the current versions.

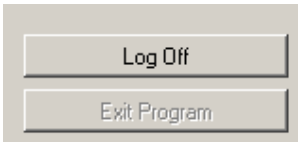
# 4. 3 Service Tab



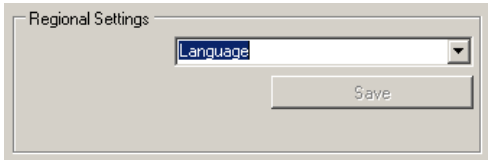

The “Service” tab is generally used for service persons and the configuration of the IPS / KIP Color 80 system.

It is password protected when you click onto the tab.
Enter the password to log in.

To Log off after your adjustments / settings are please click on the Log off button in the lower right corner. This will require entering the password to gain access to this screen functions again.



## 4. 3. 1 Regional Setting

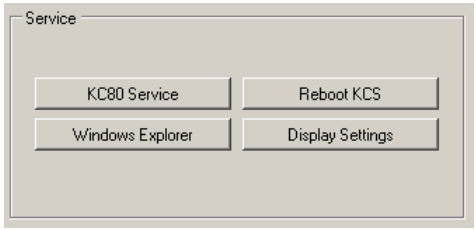



This dropdown is used for different regions for keyboard configurations and preferred language. Please select the correct language from the dropdown and press save.

## 4. 1. 2 Service

This area has four sub buttons. (for service use only)

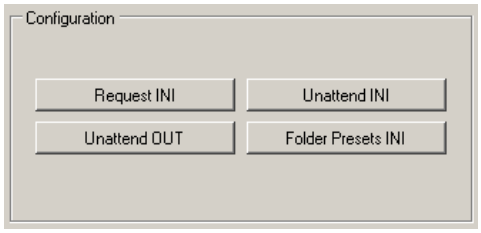
a) KC80 Service - launches the engines diagnostics. Please see the Technical Service manual for details on the operation of the service utility.
b) Windows Explorer - starts the OS file browser
c) Reboot KCS - restarts the OS
d) Display settings - starts the OS display (monitor and video card) adjustments screens to change resolutions, etc.




## 4. 1. 3 Configuration

This area has four sub buttons. (for service use only)

a) Request.ini - launches the editor to modify the Request application
b) Unattend.out - launches the text editor to view the log file.
c) Unattend.ini - launches the editor to modify the core printer communication application
d) Folder Presets - launches the editor to modify the folder configuration settings



# DIGITAL COLOR PRINTER
# KIP Color 80 User's Manual

**Version A.3**

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