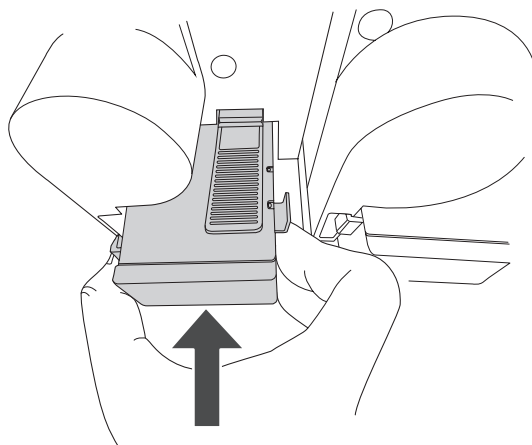# 9 Attach the powder collecting unit.

Insert the powder collecting unit from the bottom into the back side of the motor base of the canister for half tablets until it clicks.

# 10 Close the chute cover and return the fixing lever to its original position.

While holding the chute cover, raise the chute cover fixing bar and slowly close the chute cover. Be careful that the chute cover closes swiftly if it is not supported.
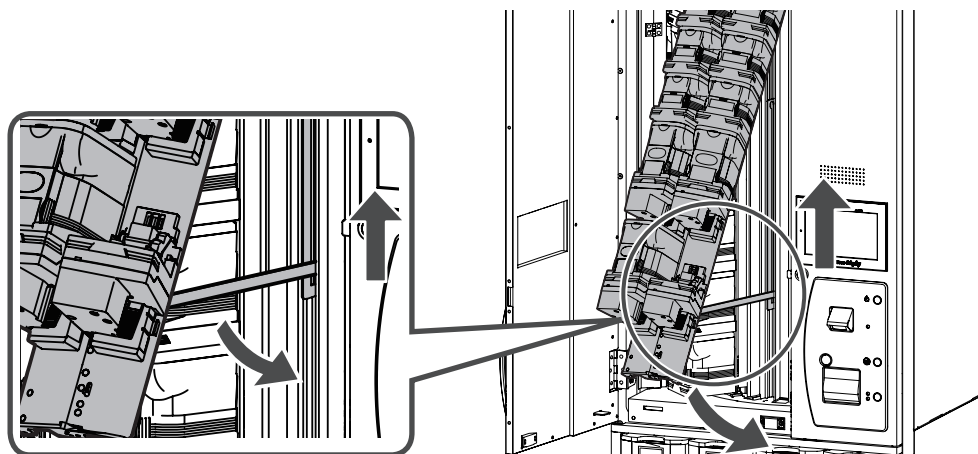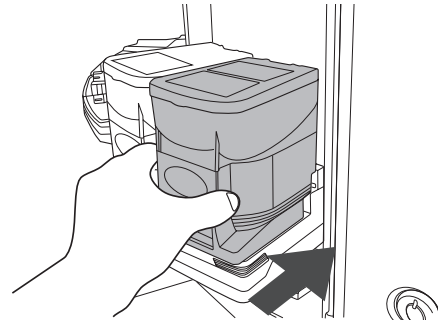

⚠ CAUTION

Holding the bottom of the chute cover may cause your fingers to get pinched.
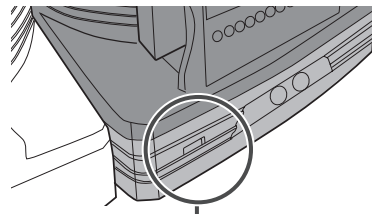Thus be careful not to get your fingers pinched.

When closing the chute cover, its fixing lever comes down automatically.
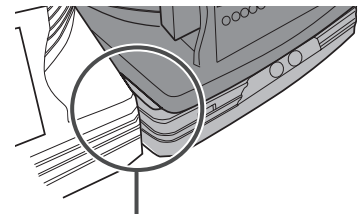(Be sure that the chute cover is securely locked.)
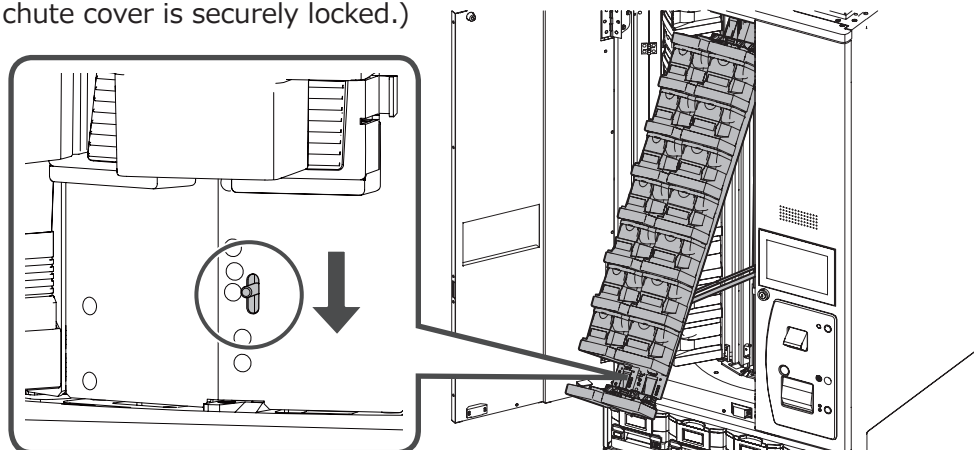
11 Attach the canister.

When attaching the canister, push it all the way in so that its edge is aligned to the motor base. When the canister is identified, the motor base LED light blinks.
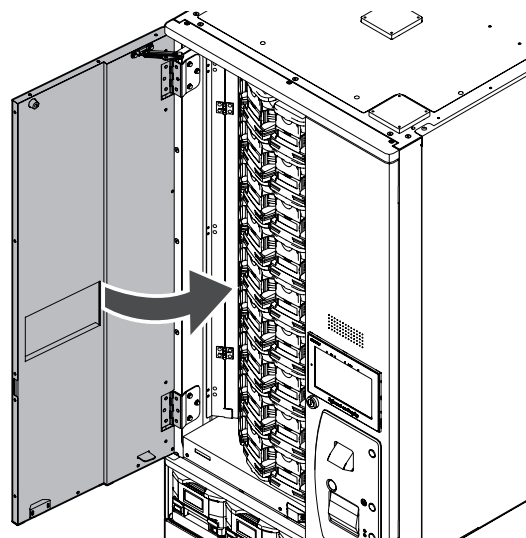
LED light

The edge of the canister is not aligned to the one of the motor base.

12 Close the upper door.

Close the upper door while holding its handle.

Handling Instructions for Canisters (Half Tablets)

If you fill the canister with a small amount of tablets, put them around the center of the canister to prevent them from being remained in the canister.
Do not lift the canister by holding only its lid.
The lid will come off under the weight of the canister and thus the canister will fall down.
Also, do not remove the canister lid.
If you remove the canister lid, be sure to check if the medicine name on the canister lid is the same as the one on the body of the canister before attaching the canister lid.
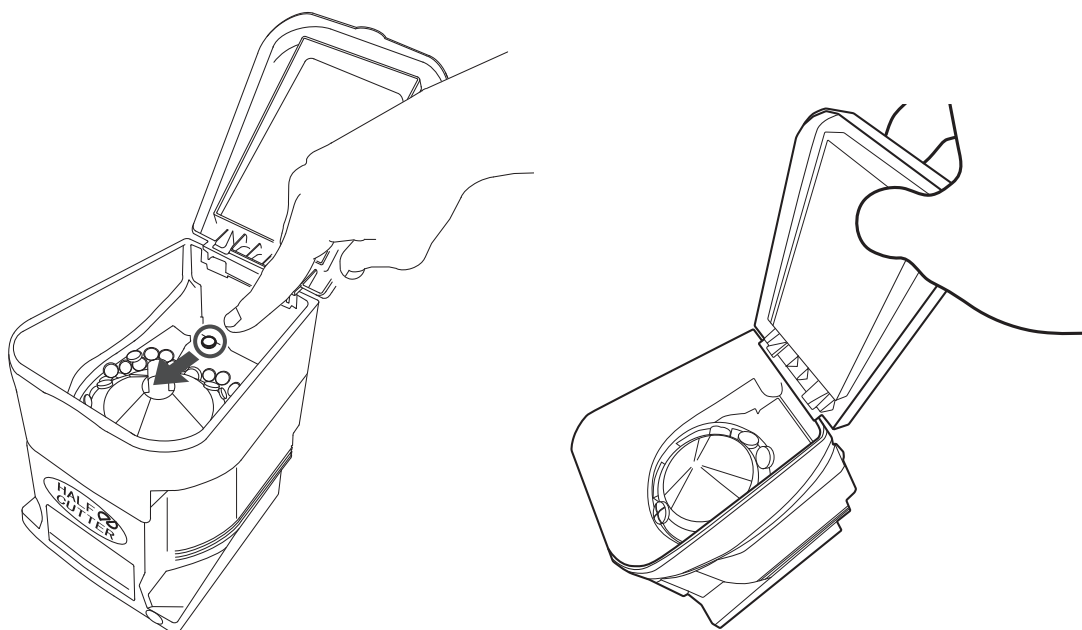
Do not put remaining half tablets into the canister after dispensing.
Doing so may cause a jam inside the canister, resulting in damage.
Never rotate the gear on the back side of the canister while the canister is filled with tablets.

Gear
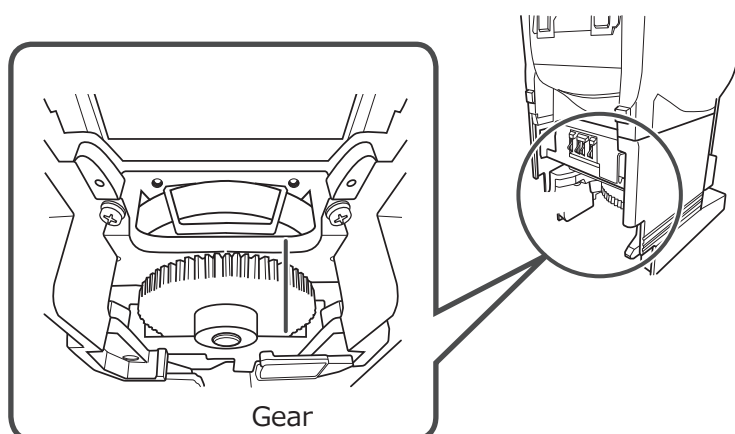
Slide Unit

Note: This chapter only covers the packaging machine with the slide unit (option) installed.

1 Pull out the slide rack.

Press the slide unlock button.
Note: Be sure that the keyhole is in
the horizontal position.
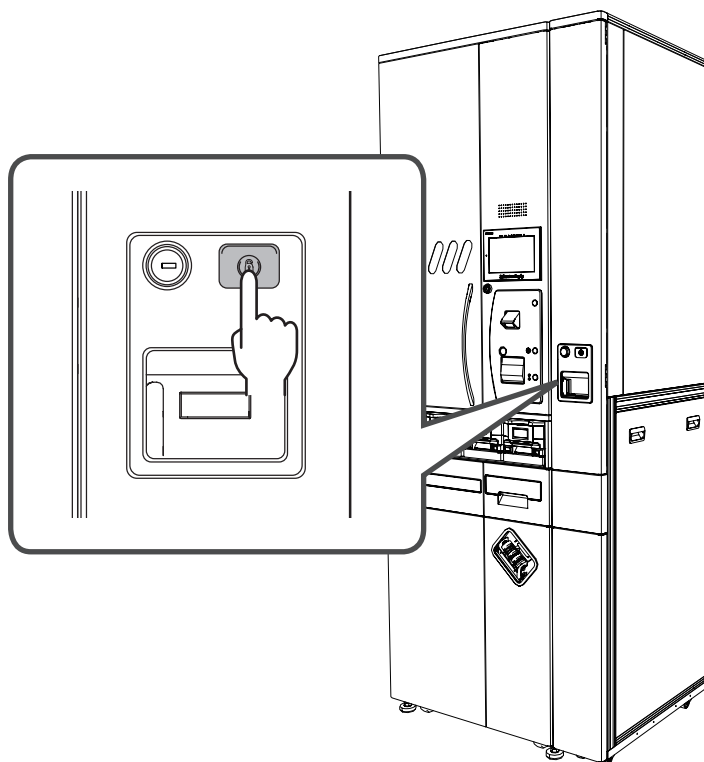
After unlocking the slide unit,
hold the handle and pull out the slide rack.
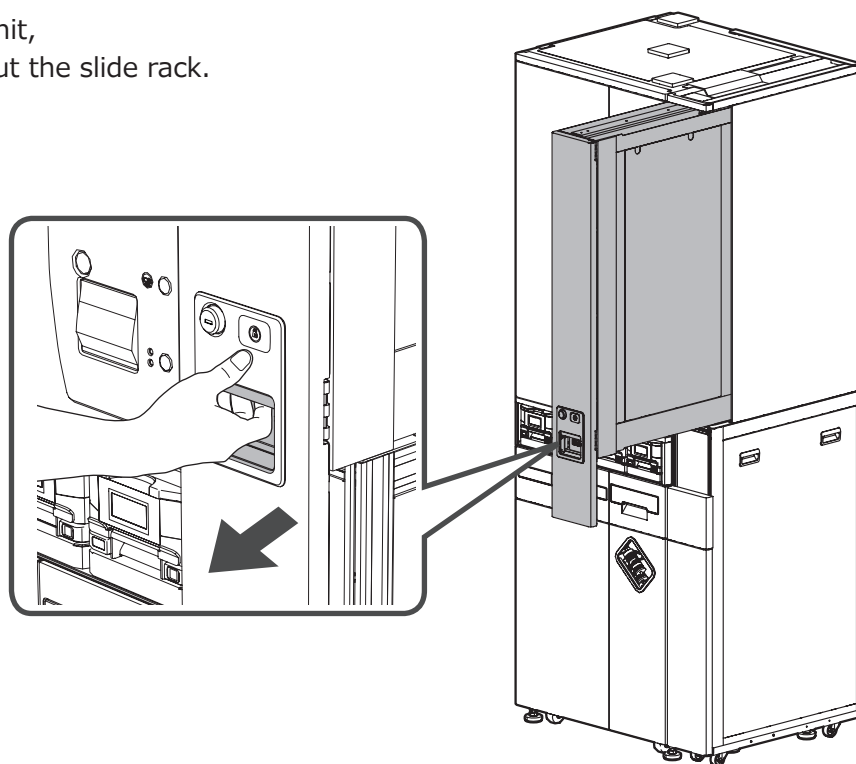
2   Remove the inner cover.

Hook your fingers on the inner cover as indicated by circles in the following image and remove the inner cover.
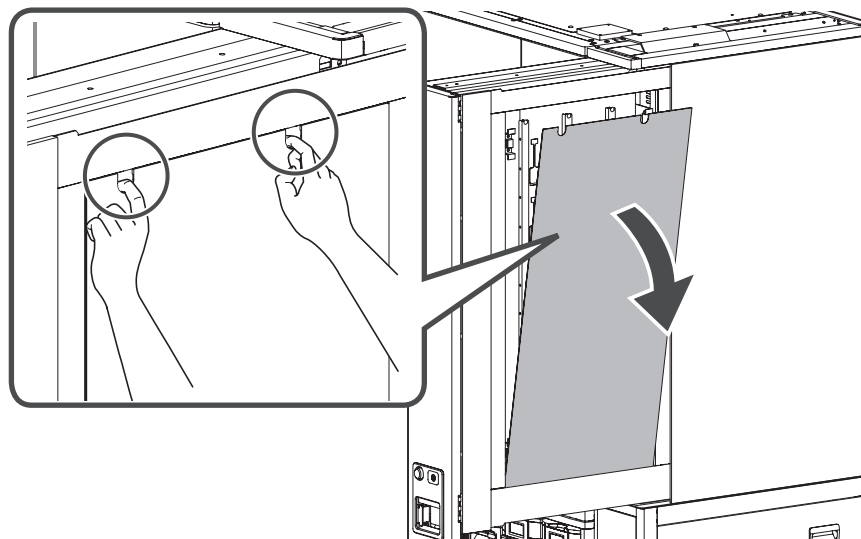
3   Remove the dispensing route cover.

Generally lift the dispensing route cover up and remove it.
Remove three dispensing route covers in total.
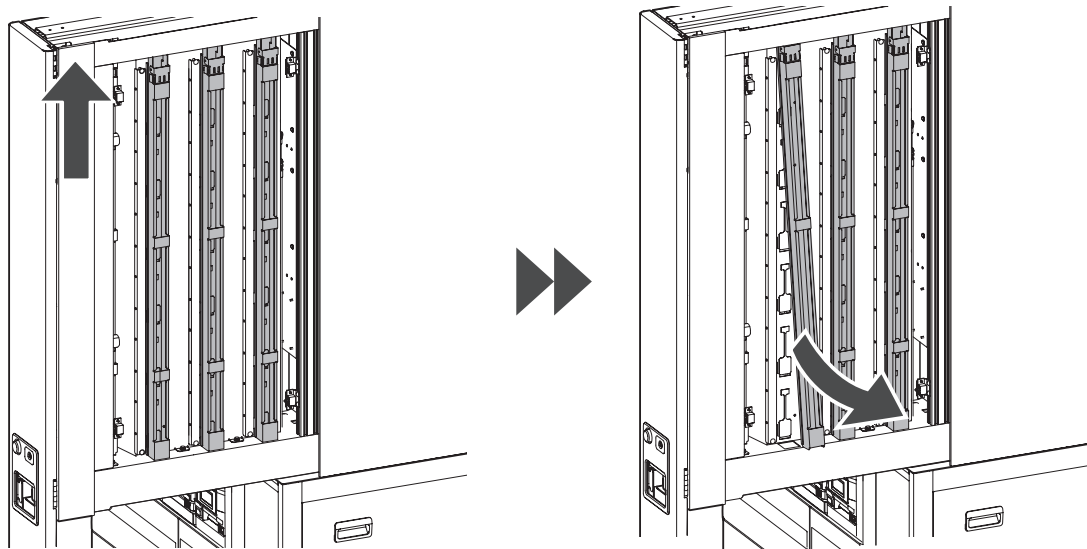
4 Clean the dispensing route cover.

Clean the inside of the dispensing route cover.
Clean three dispensing route covers in total.
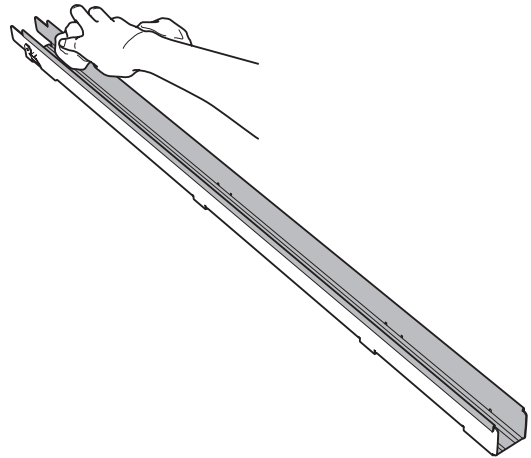
5 Clean the dispensing route.

Turn over the chute cover wall on the slide rack side and clean the dispensing window.

⚠ CAUTION

Be careful not to bend or scratch the chute cover wall. Also, be careful not to put the chute cover wall into the motor base side after cleaning.

➡ *Slide Unit (Continued)*
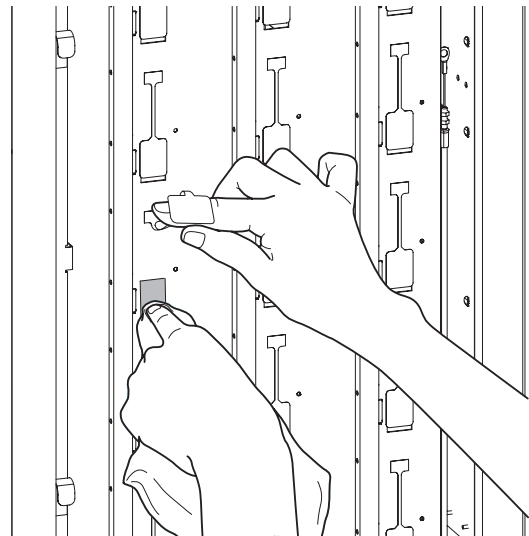
6   Attach the dispensing route cover.

Fit the upper prongs into the grooves.
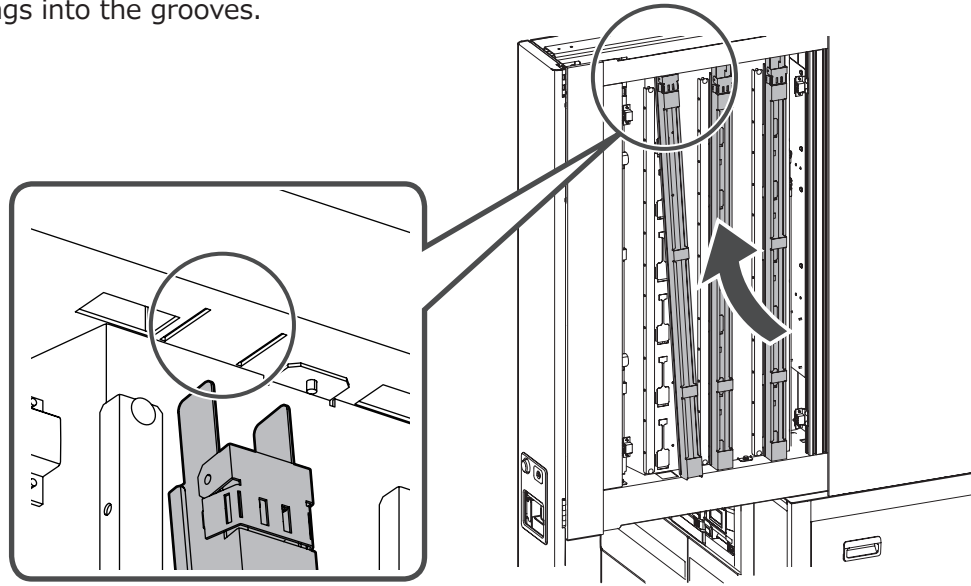
Fit the dispensing route cover straight in the bottom groove.
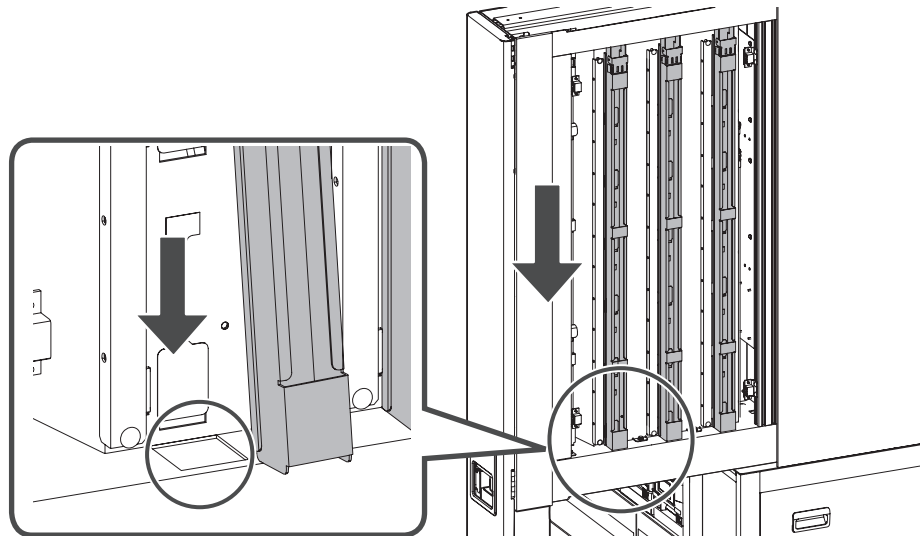
7   Attach the inner cover.
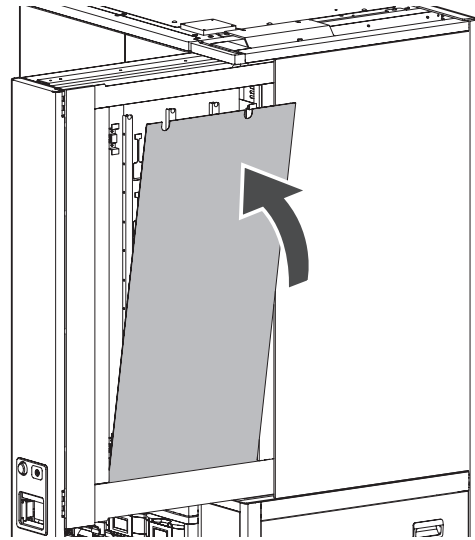
8   Return the slide rack to its original position.

Hold the handle on the slide rack and return
the slide rack to its original position.
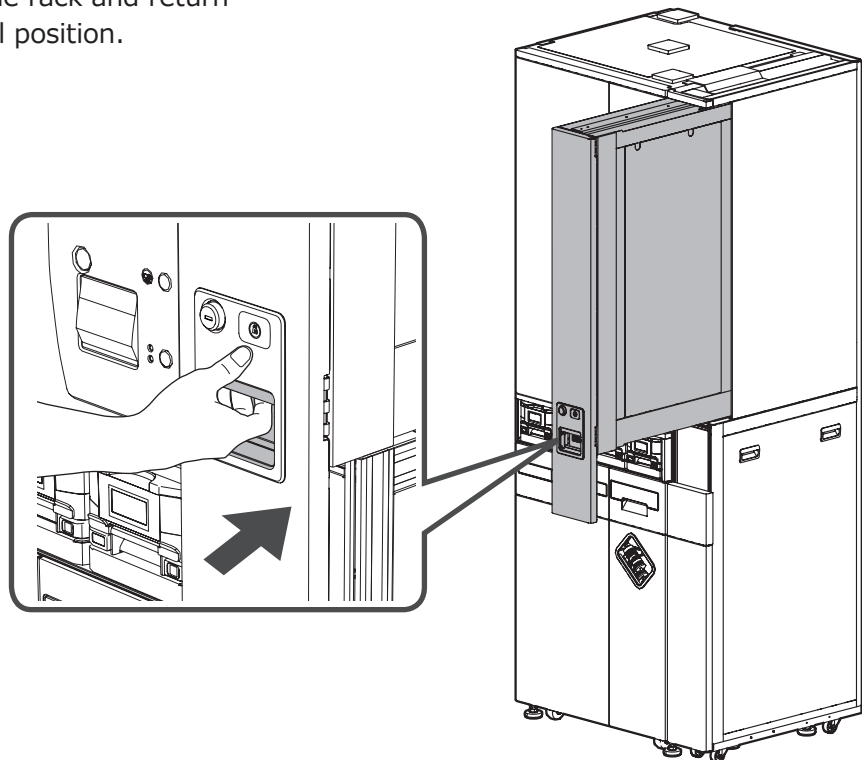
Slide Hopper

Note: This chapter only covers the packaging machine with the slide unit (option) installed.

1 Remove the cover.

Remove the right side cover from the slide unit.
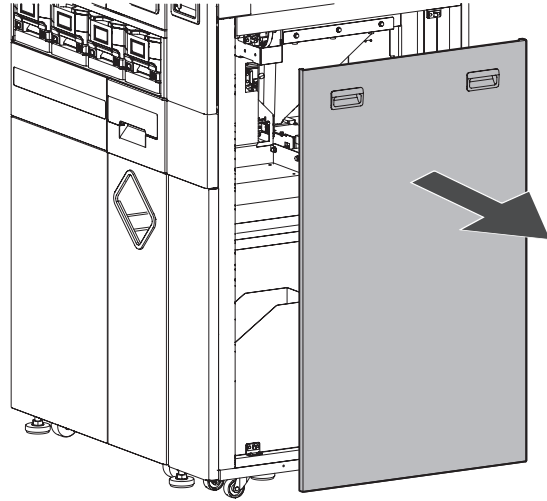
2 Remove the slide hopper.

Turn three white screws which fix the slide hopper to the left to remove them.
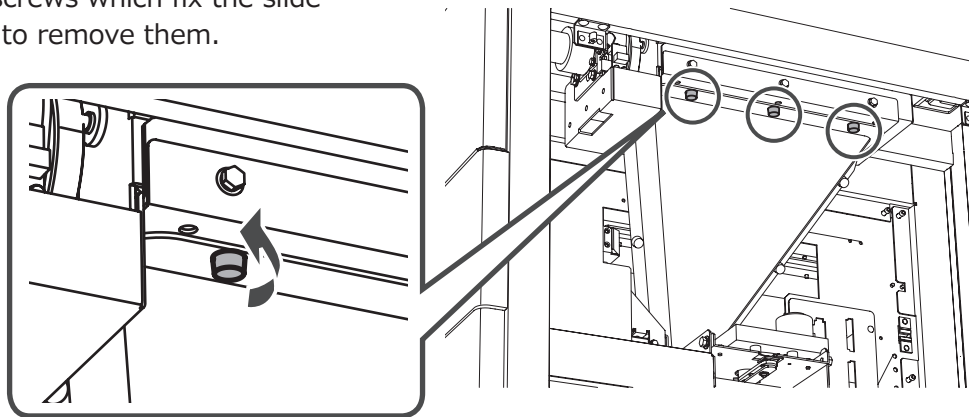
Pull out the slide hopper straight.
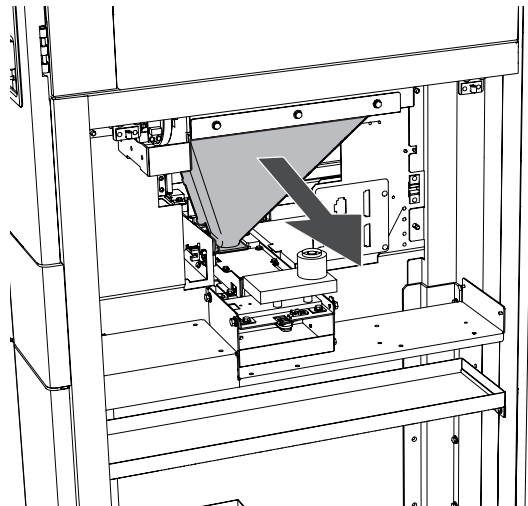
3 Disassemble the slide hopper.

Turn six white screws which fix the slide hopper to the left and remove the fixing bar.
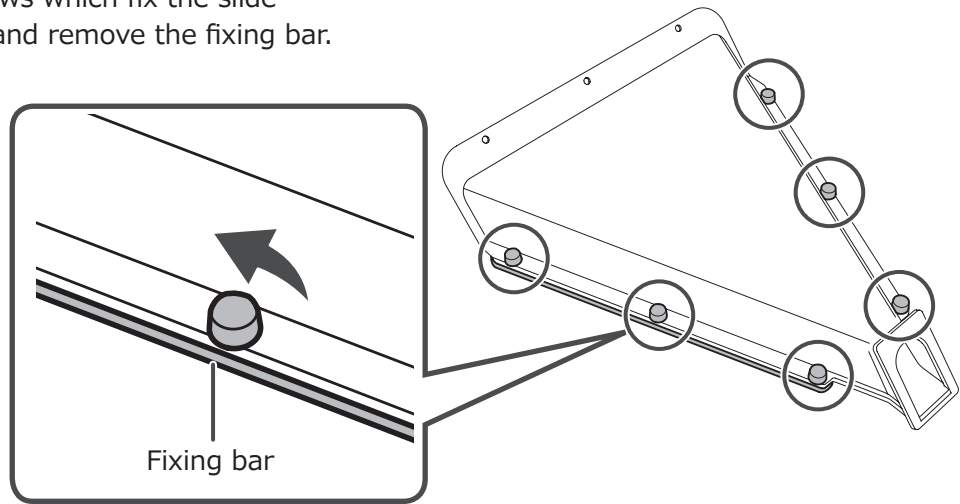
Fixing bar

Disassemble the slide hopper into the base side and cover side.
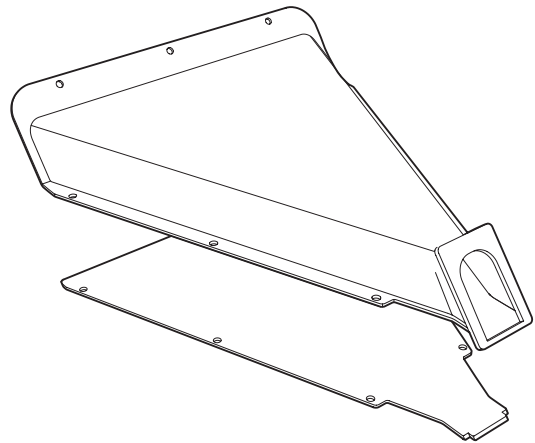
4 Clean the slide hopper.

Clean the base side of the slide hopper.
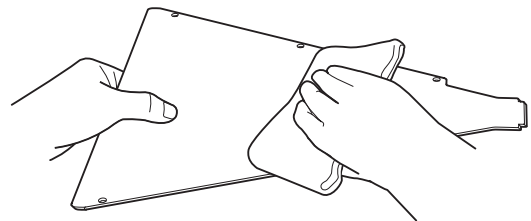
Clean the cover side of the slide hopper.
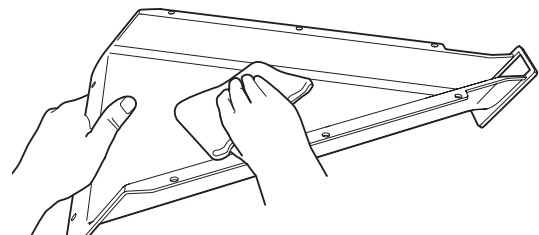
5 Assemble the slide hopper.

Assemble the slide hopper.
Fix the fixing bar to the slide hopper by
turning six white screws to the right.

Fixing bar
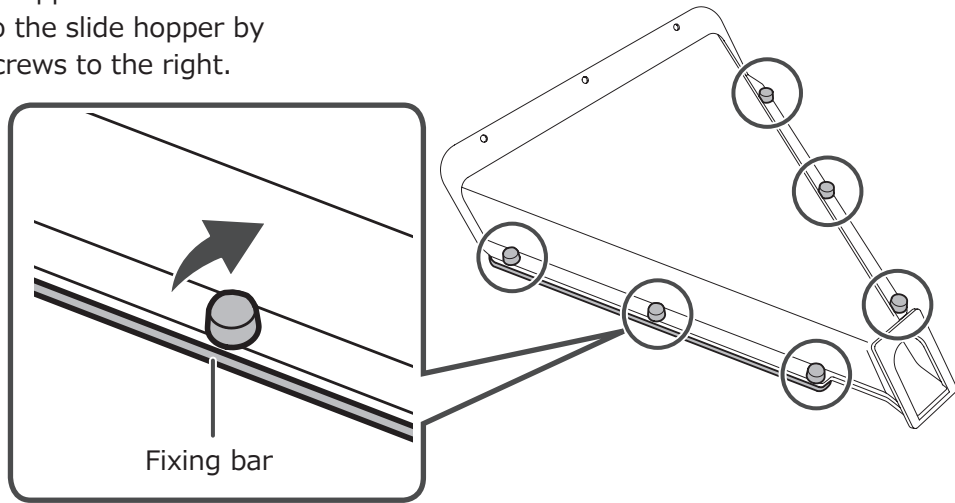
⚠ CAUTION

Be sure to assemble the base side of the slide
hopper in the correct direction.

6 Attach the slide hopper.

Fit the slide hopper in the insertion hole.
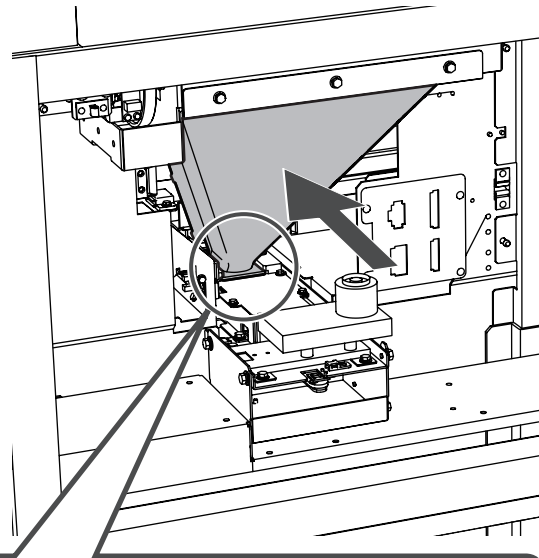
Before the slide hopper is attached.

After the slide hopper is attached.

Installation hole

Turn three white screws which fix the slide hopper to the right to tighten them.
After attaching the slide hopper, check if the screws are securely tightened.
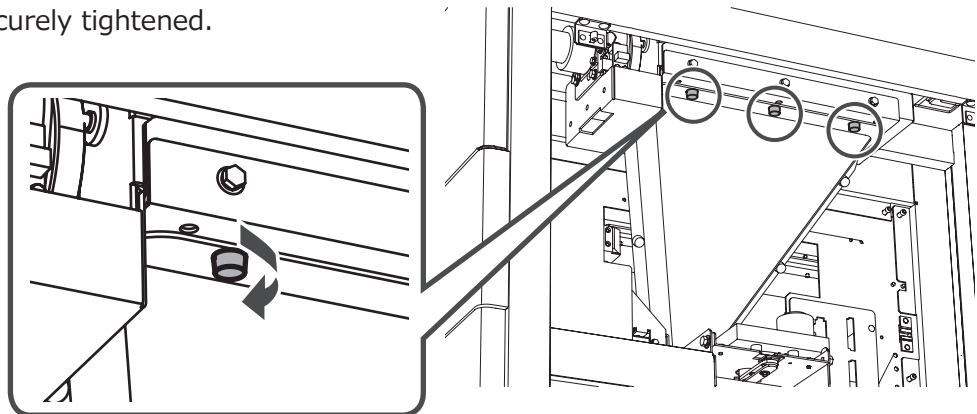
> ⚠ **CAUTION**
>
> Improper attachment of the slide hopper may cause a problem such as a dispensing error, thus be sure to check if the slide hopper is attached properly.

7 Attach the cover.

Attach the right side cover of the slide unit.
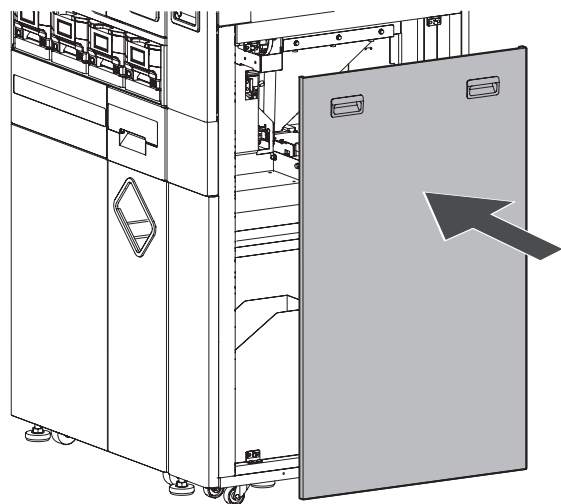
Error Display

When any trouble occurs with the packaging machine, the alarm and audio guidance go off intermittently and an error or warning window appears on the touch panel.
Then the operation stops.
Check details of the displayed error or warning and take action to solve a problem.
If any error message appears and it is not described in this manual, please contact your sales agent.
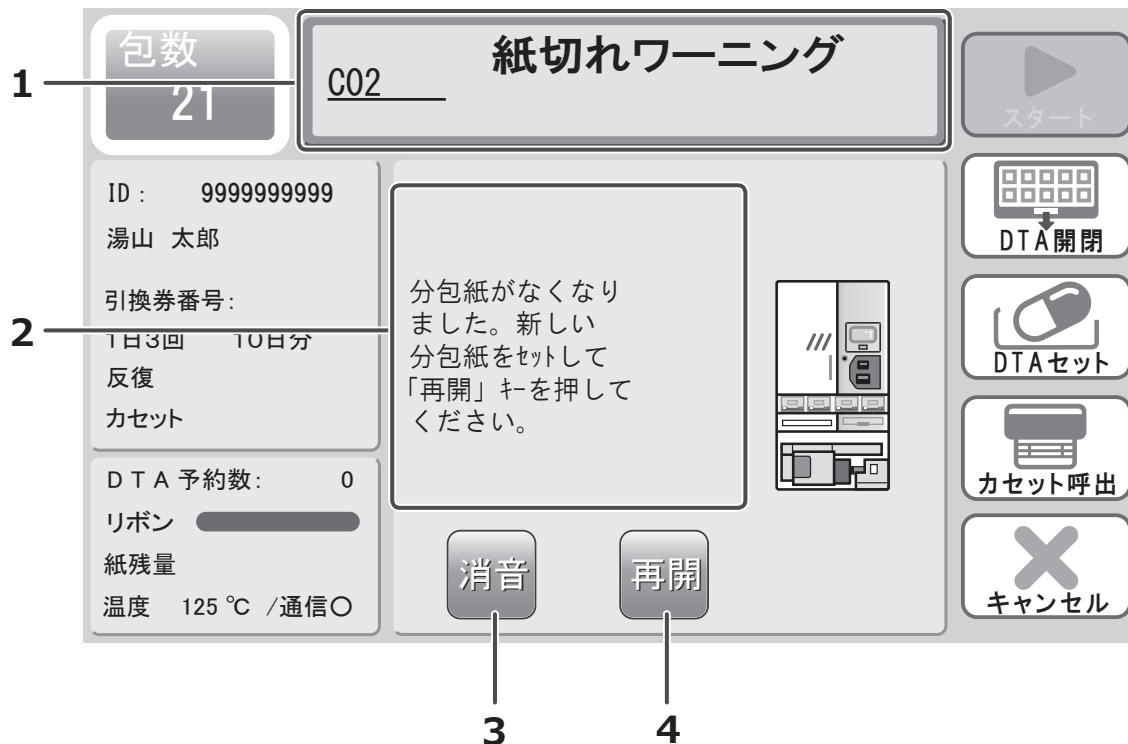
No	Name	Description
1	Error description	The error name and its code are displayed.
2	Error details	The error details and troubleshooting are displayed.
3	Mute	Tap this button to mute the alarm and audio guidance.
4	Resume	Tap this button to resume the operation.

Error/Warning List

Error Code	Error Description
C00	Paper jam warning
C02	Paper out warning
C03	Remaining paper warning
C04	LPU out of position warning
C05	DTA unit out of position warning
C06	Printer ink ribbon out warning
C07	Ribbon winding warning
C08	Canister empty warning
C09	Canister set warning
C10	Canister ID warning
C11	Canister position warning
C14 C55 C56	Paper core shaft set warning
C15	Printer ready warning
C16	No DTA tray warning
C18	Ribbon out of position warning
C19	Canister for half tablets empty warning
C20	Dirty sensor warning
C21	Canister check warning
C22	Lower door open warning
C23	Conveyor jam warning
C24	PC version warning
C25	Internal version warning
C26	Print head low temperature warning
C29	Carousel limit warning
C30	Carousel safety warning

➡ *Error/Warning List (Continued)*

Error Code	Error Description
C32	Large hopper out of position warning
C34	Canister duplication warning
C47	Powder collecting unit out of position warning
C48	Dirty count sensor warning
C49	Canister for half tablets MB connection error
C50	Tray connection warning
C51	Ink ribbon position warning
C52 C65	Ink ribbon check warning
C53	Ink ribbon type warning
C54	Packaging paper type warning

Error Code	Error Description
E00	Roller home position error
E04	Heater temperature error
E05	Print head overheat error
E06	Cutter home position error
E11	Roller arm error
E15	Printer circuit board error
E16	Print head open position error
E17	Print head closed position error
E34	Standby valve sensor error
E35	Slide standby valve sensor error
E36	Standby valve closed position error
E37	Slide standby valve closed position error
E38	Standby valve open position error
E39	Slide standby valve open position error
E40	Right pusher sensor error
E41	Left pusher sensor error
E42	Right pusher waiting position error
E43	Left pusher waiting position error
E44	Right pusher drop position error
E45	Left pusher drop position error
E49	Roller home position error
E50	Roller encoder error
E61	Carousel feed error
E62	Carousel home position error
E68	UC circuit board signal line error
E69	LED lighting error

➡ *Error/Warning List (Continued)*

Error Code	Error Description
E71	DTA sensor error
E72	DTA open position error
E73	DTA closed position error
E74	DTA tray retry error
E75	DTA feeder error
E76	DTA feeder right limit error
E77	Slide plate open position error
E78	Slide plate closed position error
E79	DTA initialization error
E80	DTA feeder signal line error
E81	DVI signal line error
E83	Canister circuit board signal line error
E87	LPU circuit board communication error
E91	EEPROM writing error
E92	Canister unit communication error
E93	Internal communication parity error
E94	Retrieving the number of dropped tables pending error
E95	Fill duplication error
E96	Internal communication error
E98	Fill ID error
E99	EEPROM connection

Error Code	Error Description
P01	Inkjet ink empty
P02	Inkjet maintenance tank
P03	Inkjet RTC battery
P04	Inkjet ink tank cover
P05	Inkjet maintenance tank out of position
P06	Inkjet ink refresh
P07	Inkjet low temperature faint print
P10	Inkjet printer communication error
P11	Inkjet paper size error
P12	Inkjet encoder error
P13	Inkjet conveyor over speed error
P14	Inkjet print data error
P15	Inkjet print ID error
P16	Inkjet ink error
P17	Inkjet maintenance tank error
P18	Inkjet printer mechanism error
P19	Inkjet update error
P20	Inkjet print head error
P21	Inkjet fatal error
P22	Inkjet printer error
P24	Inkjet ink refresh
P25	Inkjet ink sensor error
P30	Inkjet data connection error
P31	Inkjet data transmission error

Warranty and After-Sales Service

Warranty

Be sure to check that the sales agent and the date purchased are noted in the warranty when you receive it, and then read it carefully and store it in a safe place.

Warranty period: One year from the date purchased

This warranty does not cover damages resulting from accidents, negligence, improper use, and abnormal ambient conditions.
The warranty does not cover the following consumable items.

Packaging paper	Ink ribbon	Ribbon cassette
Journal printer paper	Ink	Maintenance tank

In case of any trouble or malfunction, please contact your sales agent.
The ink and maintenance tank are included only in the inkjet printer type.

Request for Repair Service

In case of being unable to fix an error, please contact your sales agent.

Necessary information

   (1) Address, name of hospital/pharmacy, name of representative, phone number

   (2) Product name, model, serial number

   (3) Date purchased

   (4) Description about failure and error
      (If case of error, please let us know its details.)

   (5) Desired visit date

Repair Fee

A repair fee includes a technical fee, cost of parts, and travel expenses.

Technical fee: It is the cost of failure diagnosis and services such as repairing/replacing parts, adjustment, and inspections after repair.

Cost of parts: It is the cost of parts and subsidiary materials used in repair.

Travel expenses: It is the cost of travel to send a technician to where the product is installed.

Recommendation for Routine Inspection (Pay Service)

For safe use of this product, we recommend you to get a routine inspection.
In case of requesting a routine inspection, please contact your sales agent.

Specification

Name	Compact Fully Automatic Tablet Packaging Machine
Model	YS-TR-112FDXIII/YS-TR-112FDXIII-UC2/YS-TR-112FDXIII-UC4 YS-TR-128FDXIII/YS-TR-128FDXIII-UC2/YS-TR-128FDXIII-UC4 YS-TR-136FDXIII/YS-TR-136FDXIII-UC2/YS-TR-136FDXIII-UC4 YS-TR-152FDXIII/YS-TR-152FDXIII-UC2/YS-TR-152FDXIII-UC4
Dispensing speed	60 packs/minute (MAX)
Dimensions of one pouch	60, 70, 76, 80, or 90mm (W) x 70mm (H)
Packaging paper material	Cello-poly (Double-folded type)
Dimensions	YS-TR-112FDXIII/YS-TR-112FDXIII-UC2/YS-TR-112FDXIII-UC4 YS-TR-128FDXIII/YS-TR-128FDXIII-UC2/YS-TR-128FDXIII-UC4 : 610mm (W) X 627mm (D) X 1,979mm (H) YS-TR-136FDXIII/YS-TR-136FDXIII-UC2/YS-TR-136FDXIII-UC4 YS-TR-152FDXIII/YS-TR-152FDXIII-UC2/YS-TR-152FDXIII-UC4 : 775mm (W) X 627mm (D) X 1,979mm (H) Note: Slide unit
Weight	YS-TR-112FDXIII/YS-TR-112FDXIII-UC2/YS-TR-112FDXIII-UC4 YS-TR-128FDXIII/YS-TR-128FDXIII-UC2/YS-TR-128FDXIII-UC4 : Approx. 300kg YS-TR-136FDXIII/YS-TR-136FDXIII-UC2/YS-TR-136FDXIII-UC4 YS-TR-152FDXIII/YS-TR-152FDXIII-UC2/YS-TR-152FDXIII-UC4 : Approx. 374kg
Power source	120VAC +/- 10V 50Hz/60Hz (USA, Canada) 230VAC +/- 10V 50Hz/60Hz (Europe)
Power consumption	860VA (MAX)
Tablet canister	Main body: 112 medium canisters Slide unit: 24 medium canisters
Canister search	Searching by canister number, medicine name, and barcode is available.
Tablet adapter	48 packs/time
Audio guidance	Control guide and information about replacement of consumable items
Tablet detection method	Light detection method
Tablet feeding method	Sensor fall method
Package printing	Free size font, Print layout free, Vertical and horizontal printing, Four-color ink ribbon (option)
Option	Slide unit (24 canisters), Inkjet printer, Auto four-color maker pen, DTA LED, Canister for half tablets, UC (4 universal canisters), Tableviser
Accessories	Set of documents, Tool kit, Packaging paper, Refill ribbon cartridge, Refill ribbon (ribbon shaft) Note: The ribbon shaft is reusable., Journal paper, Storage basket, Key (2 pieces), Power cable, Printer, LAN cable
Use environment conditions	Indoor use only The temperature range should be between 10℃ and 35℃ . The humidity range should be between 15% and 85%. (No condensation allowed) However, use the product at humidity of 48% or less when the temperature is 35℃ and at temperature of 28℃ or less when the humidity is 85%.
Overvoltage category	II
Pollution degree	2
Maximum operating altitude	2000m

Inspection and Maintenance Record

Date	Item	Services Performed	Serviced by
Date	Item	Services Performed	Serviced by