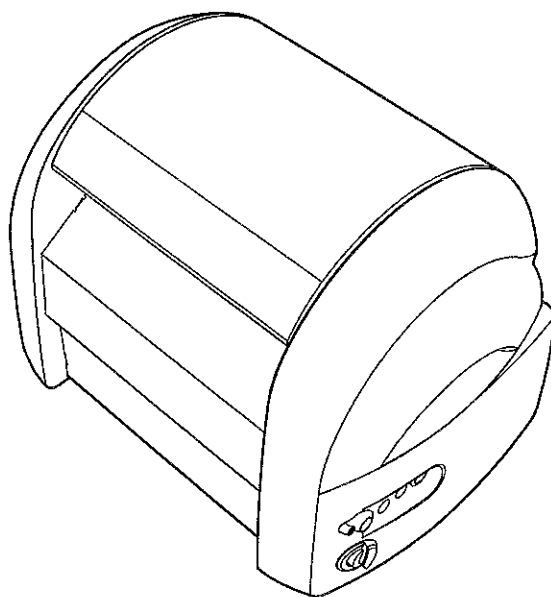


MAX

CPM-200

OPERATION MANUAL

Берер



- Read this manual before operation.
- Keep this manual in a safe place.
- It is prohibited to reproduce part or all of the manual without our permission.
- The information in the manual is subject to change without prior notice.



Contents

Be Sure to Read These

Introduction	3
Conventions Used in This Manual	3
Precautions for Use	4
Disclaimers	4

Product Specifications	5
------------------------------	---

Before Use

Package Contents	6
Component Names.....	6
Main Key Functions	6

Machine Preparation

Loading the Tape Roll.....	7
Inserting the Refillable Ribbon Cartridge	8
Replacing the Ribbon Refill	9
Installing the Cutting Tool (Blade).....	11
Adjusting the Cutting Pressure	12
Connecting the Cable and Turning On the Power	13

Be Sure to Read These

Introduction



Thank you for purchasing the CPM-200.

The CPM-200 is a 200 mm width signs and labels creating machine that enables anyone to easily create displays, such as signboards and guide displays, and colorful, high quality labels. To maximize service life of the product, please use the CPM-200 in accordance with operation manual.




Conventions Used in This Manual

■ Indications

The manual and machine use various indications to ensure that you can use the machine safely and correctly. The following describes the indications:

 WARNING	NEGLIGENCE OF THIS COULD LEAD TO A DEATH OR SERIOUS INJURY OF A WORKER.
 CAUTION	NEGLIGENCE OF THIS COULD LEAD TO AN INJURY OF A WORKER, DAMAGE YOUR MACHINE, OR CAUSE CREATED DATA TO BE LOST.

■ Symbols

 Denotes “what you should be aware of.” A specific caution is given in or close to this symbol.	 Denotes “what you must not do.” A specific prohibition is given in or close to this symbol.	 Denotes “what you must do.” A specific instruction is given in this symbol.
---	--	--

Precautions for Use

WARNING

<ul style="list-style-type: none"> • Do not insert any foreign object into the machine, such as a finger, pen, wire, etc. It could malfunction or result in a fire, electric shock, or injury. • Never put a hand or an object into a cutter section. It can both cause machine damage and personal injury. • Use the supplied power cord. Not using it could result in a fire or electric shock. • Obtain power directly from an electrical outlet. Do not put multiple loads on the electrical outlet. It could cause a fire. • Do not modify the power cord. Doing so could cause a fire or electric shock. • Never place a heavy object on a power cord. It may damage the cord, resulting in a fire or electric shock. 	<ul style="list-style-type: none"> • Ensure that no water or chemicals are splashed over the machines. If water, etc., gets inside for some reason, disconnect the power plug immediately from the electrical outlet, and contact your dealer for repair. If the machine is used in such a state, it could malfunction or result in a fire or electric shock. • Do not use the machine if it has a symptom of a problem. Such as smoke, abnormal sound, or foul odour. Using the machine in such a state could result in a fire or electric shock. In such a case, immediately disconnect the power plug from the electrical outlet, and contact your dealer for repair.
<ul style="list-style-type: none"> • Do not use a bundled power cord. The emitted heat may cause a fire or malfunction. Be sure to unbundle the power cord before use. • Do not connect or disconnect a power plug with a wet hand. You could receive an electric shock. • Do not operate the machine with wet hands or wet clothes. You could receive an electric shock. • Do not place a paper cloth on the machine when it is connected to an outlet. Doing so could cause a fire or malfunction. • When disconnecting the power plug, hold it directly; never pull on the power cord. Pulling on the cord can damage it, resulting in a fire or electric shock. 	<ul style="list-style-type: none"> • Never disassemble or remodel the machine. It could result in a fire, electric shock, or trouble. • Run the machine only on the indicated supply voltage. Use of any other voltage could result in a fire or trouble. • Be sure to ground the machine. Otherwise, if a short circuit occurs, a fire or electric shock may result. • Clean the power plug periodically. Dust accumulated over a long period could cause a fire or trouble. • Keep the cutting tool (blade) out of the reach of children. If swallowed, seek immediate medical attention.

CAUTION

<ul style="list-style-type: none"> • Install the machine on a flat surface. Do not install in an unstable location, such as on a wobbly platform or an inclined surface. The machine could fall over or fall from the platform and cause injury or malfunction. • Do not use the machine under direct sunlight, in a hot, humid location, or when there is condensation. It may cause unstable operation or a malfunction. • Do not share an electrical outlet with any device (air conditioner, refrigerator, microwave, office automation equipment, etc.) that requires a large capacity. It could lower the supply voltage and cause the machine to malfunction. • Do not directly touch the USB connector with your hands. Static electricity may cause trouble. 	<ul style="list-style-type: none"> • When not using the machine for a long time, be sure to disconnect the power plug from the electrical outlet for safety. • When moving the machine, be sure to disconnect the power plug from the electrical outlet. Moving the machine with the power plug connected to the electrical outlet may damage the plug or cord and cause a fire or electric shock.
<ul style="list-style-type: none"> • Never touch the print head. Immediately after printing, it is very hot and could burn you. Also, if the printing head is thumbed, it may cause trouble. 	<ul style="list-style-type: none"> • When printing or cutting does not function properly due to jamming of an adhesive tape, ribbon refill, or foreign object inside the machine, be sure to turn off the power before eliminating jamming. Otherwise, you could be injured by abrupt activation of the machine. • When opening or closing a door cover, be careful not to get a hand, etc., caught. • When moving the machine, be sure to close the door cover and hold the bottom of the body to carry it. Neglecting this could cause an injury or trouble. • When replacing the cutting tool (blade), be sure to turn off the power. Otherwise, you could be injured by abrupt activation of the machine. • Note that the edge of the cutting tool (blade) is very sharp. Do not touch it. You may be injured.
<ul style="list-style-type: none"> • Data saved in a personal computer cannot be saved permanently. <u>We cannot be responsible for damage due to loss of data attributable to trouble or repair, or lost profit.</u> 	

Disclaimers

MAX will not be held responsible for any damages that occur as a result of not following the instructions in this manual, damages and lost profits resulting from not being able to use the machine (malfunction), or any relevant secondary damages.

Product Specifications

Product		CPM-200G
Printer section	Printing method	Thermal transfer
	Printing density	300dpi
	Printing speed	1.0"/sec. (25mm/sec.)
Cutter section	Resolution	0.001"/step (0.025mm/step)
	Cutting speed	4.7"/sec. max (120mm/sec. max) (axial direction)
Maximum output range		8" × 78.7" (200 × 2,000mm)
Interface		USB2.0 LAN 100baseTX
Working environment		Temperature 50 - 80°F (10 - 27°C) (77°F (25°C) recommended for process color) Humidity: 35 - 70 % (No dew condensation allowed)
Power input		AC 100 - 240 V 50/60 Hz
Rated current		2A
Outer dimensions		13.8" × 12.4" × 12.4" (425mm × 315mm × 315mm) (W) × (D) × (H)
Mass (Main body only)		34.2lbs (15.5 kg)

* Design, specifications, and the like are subject to change without notice.

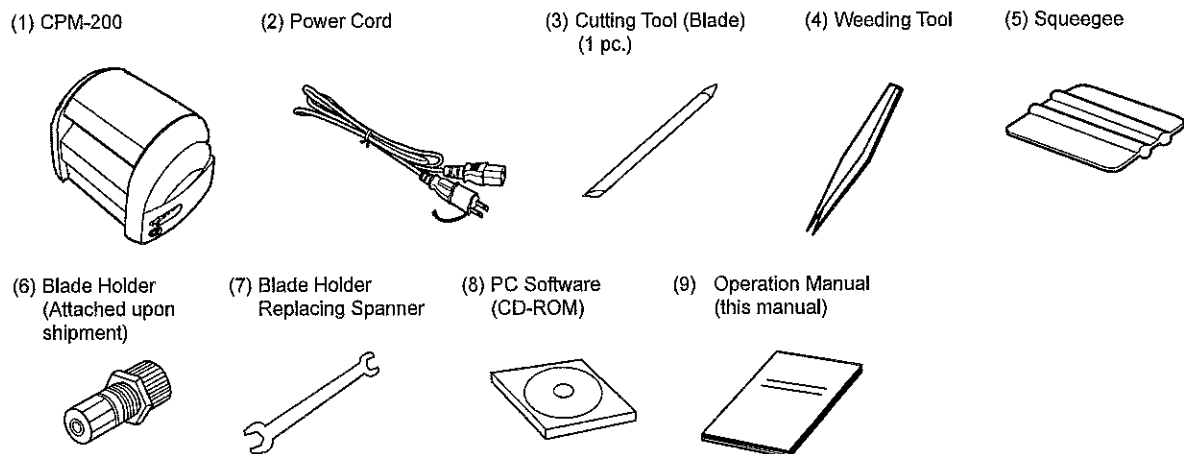
FCC CAUTION

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Before Use

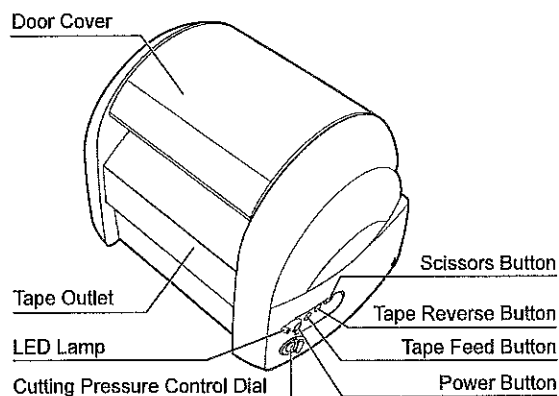
Package Contents

Open the package and confirm that all of the following items are included.

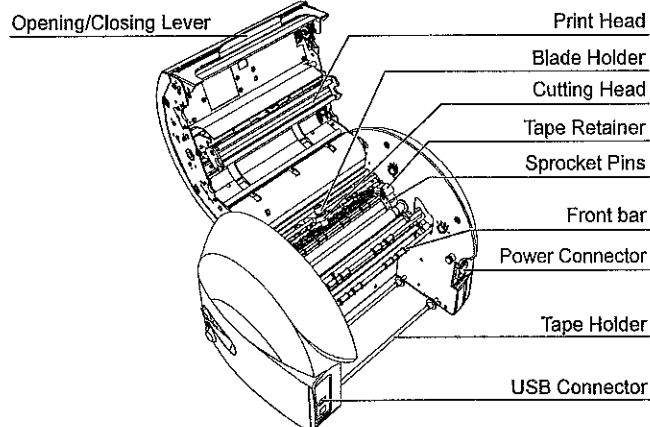


Component Names

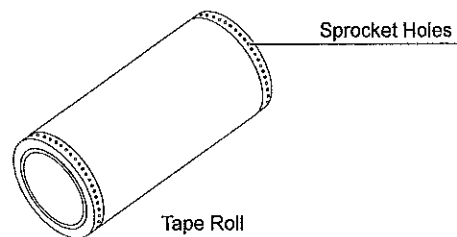
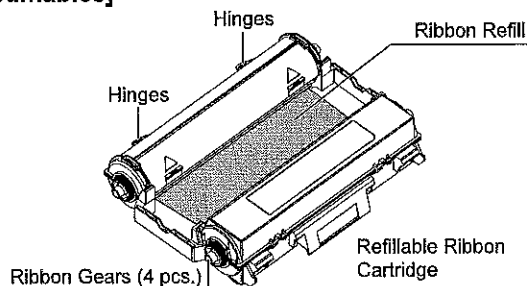
[Front of Main Body]



[Back of Main Body]



[Consumables]



Main Key Functions

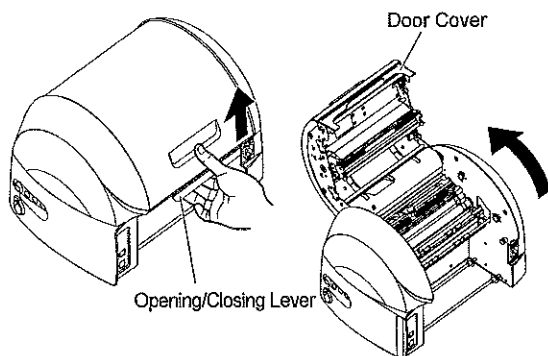
- | | |
|----------------------------|--|
| Power button | : Used to turn on/off the power. |
| LED lamp | : Illuminated in green when the power is turned on.
It is illuminated or blinks in red when informing you of an error.
(For details on errors, see the status monitor information displayed on the PC screen.) |
| Tape feed button | : Tape is fed while the button is held down. |
| Tape reverse button | : Tape is reverse-fed while the button is held down. |
| Scissors button | : Used to fully cut the tape. |

Machine Preparation

Loading the Tape

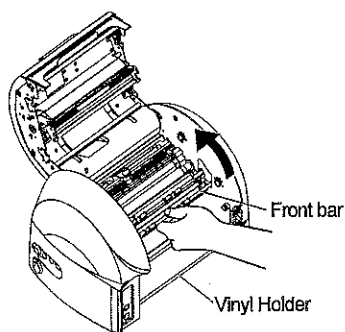
1

Pull up the opening/closing lever to open the door cover.



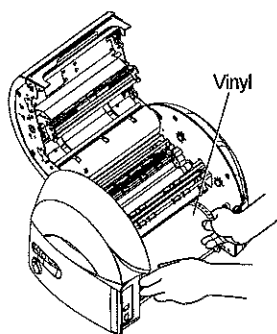
2

Pull up the front lever.



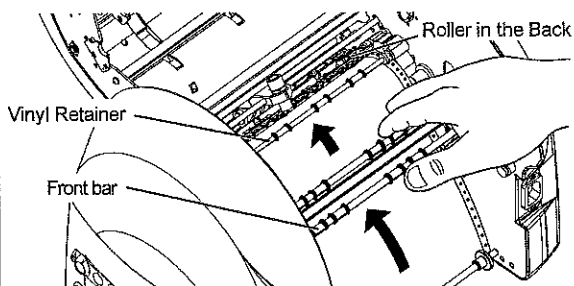
3

Place the tape on the tape holder.



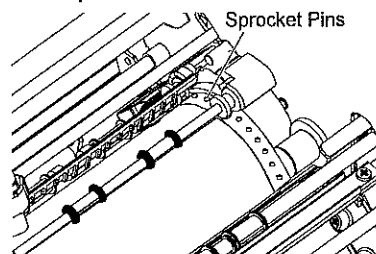
4

Pull the tape forward and feed it under the bar at the front. Then, feed the tape further into the rollers in the back.



5

Align the holes in the tape with the right and left sprocket pins.

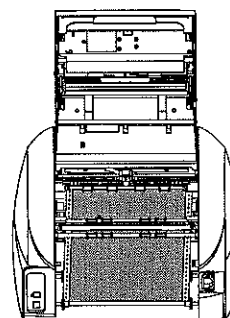
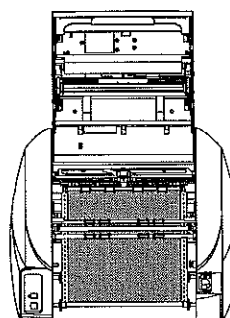


Ensure that the sprocket pins are inserted in the sprocket holes in the tape and that the tape is loaded straight on the roller. If the sprocket pins are not inserted into the holes or the tape is not straight, the tape will not be fed properly.

Load the tape straight.

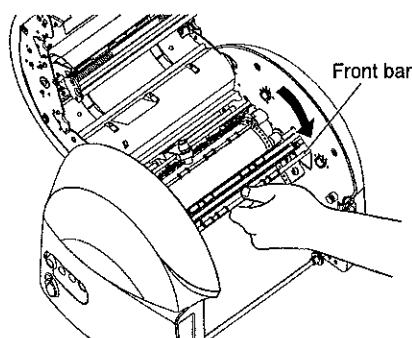
Yes

No



6

Lower the front lever to retain the tape.

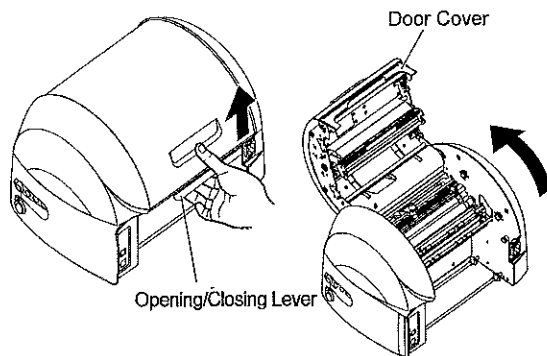


7

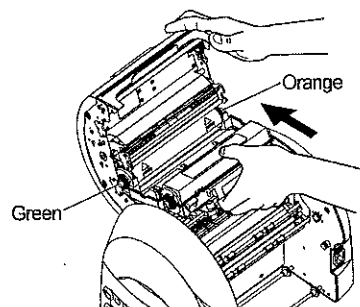
Close the door cover until it "clicks" to lock.

Inserting the Refillable Ribbon Cartridge

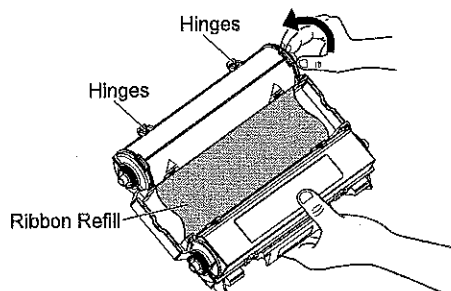
- 1 Pull up the opening/closing lever to open the door cover.



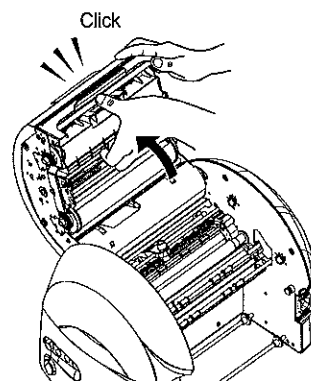
- 3 Fit the Hinges of the refillable ribbon cartridge into the slots in the back of the door cover. Ensure that the ribbon gear color matches the colour printed on the CPM-200.



- 2 Check for slack in the ribbon refill. If there is slack in the ribbon refill, hold the refillable ribbon cartridge as shown in the figure, turn the ribbon gear in the arrow-indicated direction, and take up the slack.

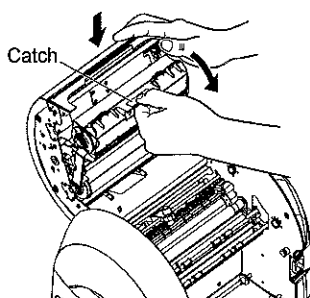


- 4 Turn the refillable ribbon cartridge upward, using the Hinges as leverage. Push it in firmly until the refillable ribbon cartridge locks with a "click" sound.

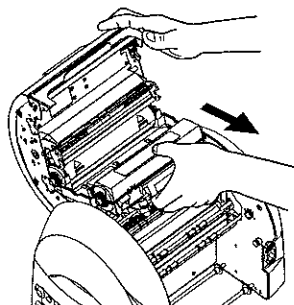


Removing the Refillable Ribbon Cartridge from the CPM-200

- 1 Open the door cover. Hold the refillable ribbon cartridge catch and pull it forward.



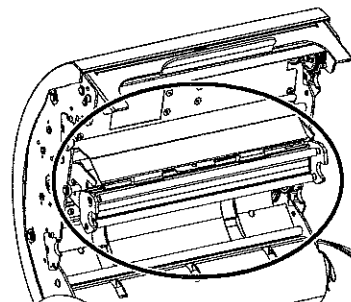
- 2 Turn the cartridge downward and then pull it out.



CAUTION



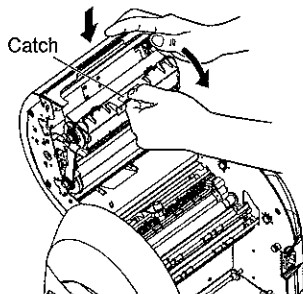
Do not touch the print head. Getting burned or a malfunction may result.



Replacing the Ribbon Refill

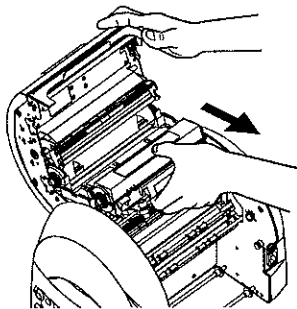
1

Open the door cover. Hold the refillable ribbon cartridge catch and pull it forward.



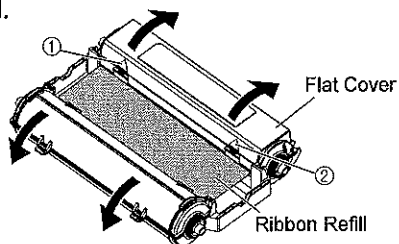
2

Turn the cartridge downward and then pull it out.



3

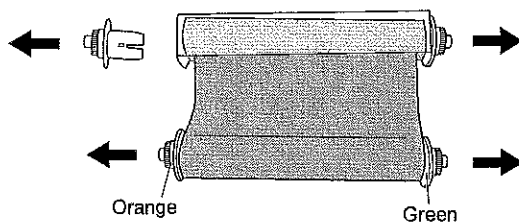
Open the cartridge cover and remove the old ribbon refill.



If the cover is difficult to open, pull up the location indicated as ① and then ②.

4

Remove the four gears (two orange, two green) from the ribbon refill take up core.



The shape of the orange gears are different from that of the green gears.

Orange

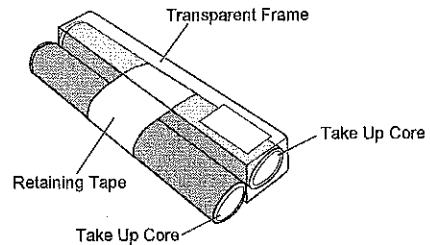


Green



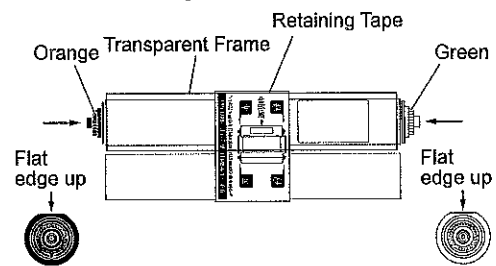
5

Prepare the new ribbon refill.



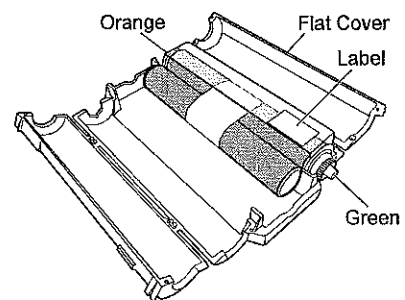
6

Insert two gears (one orange, one green) into the take up core on the transparent frame side. Ensure the flat edges are face up.

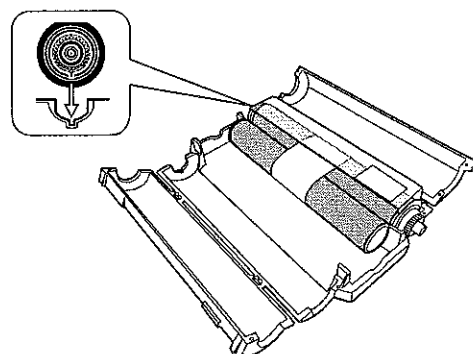


7

Place the transparent frame side of the ribbon refill into the cartridge on the flat cover side.

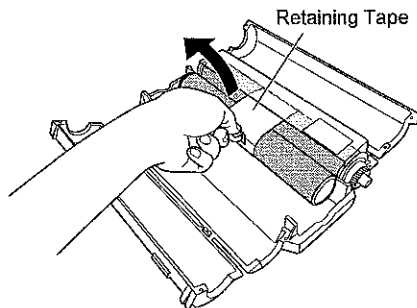


Firmly insert the protruding part of the orange gear into the recessed part of the cartridge.



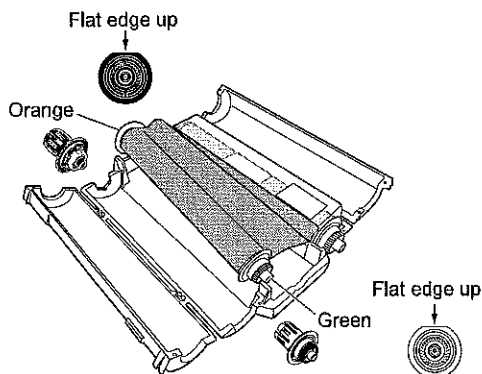
8

Remove the retaining tape.

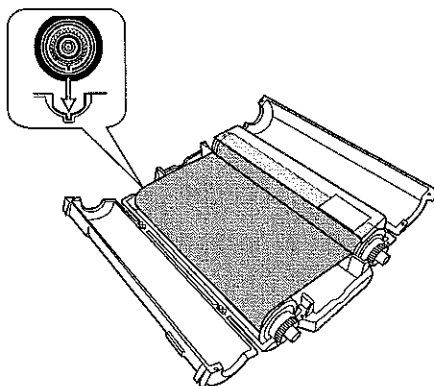


9

Insert the remaining gears (one orange, one green) into the other take up core. Ensure the flat edges are face up.

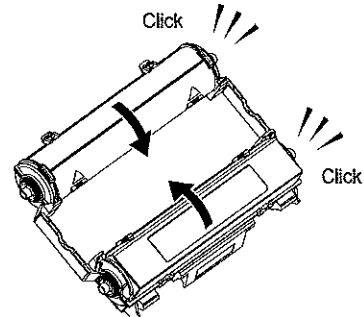


Place the ribbon refill in the cartridge. Firmly insert the protruding part of the orange gear into the recessed part of the cartridge.



10

Firmly close the cartridge cover until a "click" sound is heard.



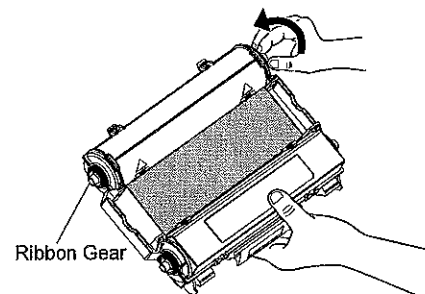
If the cover does not close

Check the following in steps 7 and 9.

- Is the transparent frame inserted in the correct orientation?
- Is the protruding part of the orange gear firmly inserted into the recessed part of the cartridge?

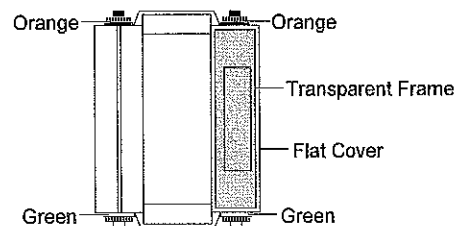
11

Turn the ribbon gear in the direction of the arrow until the ribbon refill colour is fully exposed.



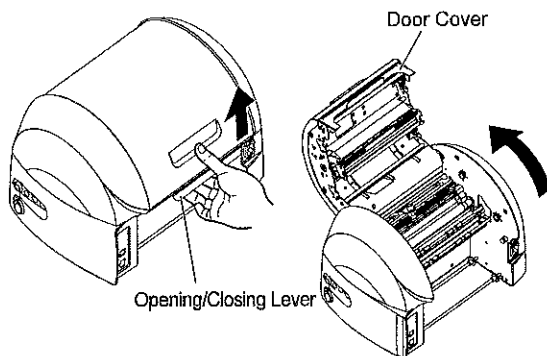
12

Check that the ribbon gear is inserted in the correct orientation.

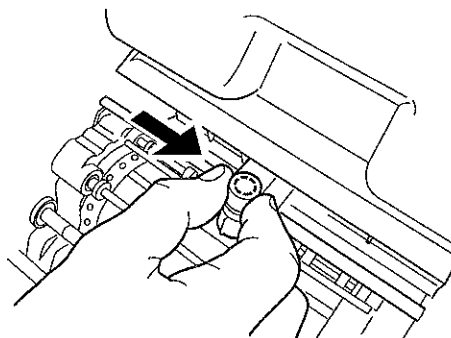


Installing (Replacing) the Cutting Tool (Blade)

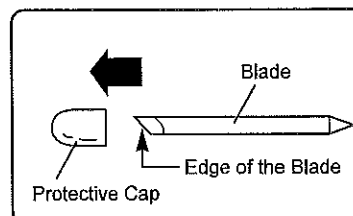
- 1 Check that the power is turned off, and pull up the opening/closing lever to open the door cover.



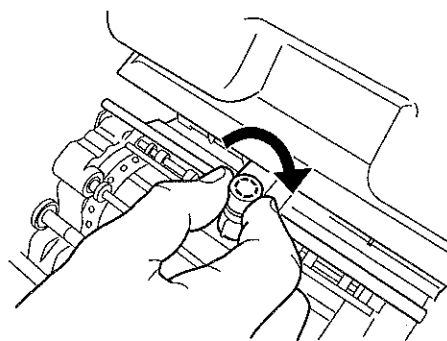
- 2 Move the cutting head to the center manually.



- 3 Prepare a new cutting tool (blade) and remove its protective cap.



- 4 Insert/drop the blade into the blade holder and replace the cap. **DO NOT** push the blade into the holder otherwise this will not cut correctly.



⚠ WARNING

⚠ Keep the cutting tool (blade) out of the reach of children. If swallowed, seek immediate medical attention.

⚠ CAUTION

⚠ When attaching or removing the cutting tool (blade), be sure to turn off the power. Otherwise, you could be injured by abrupt activation of the machine. Do not touch the edge of the blade. You may be injured.

Adjusting the Cutting Pressure

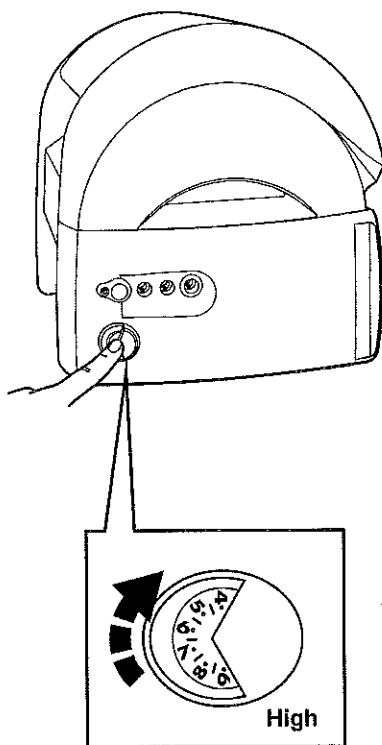
Cutting depth is adjusted by changing the blade pressure (cutting pressure).

The blade may cut too much or fail to cut depending on the type of material, temperature, and so on.

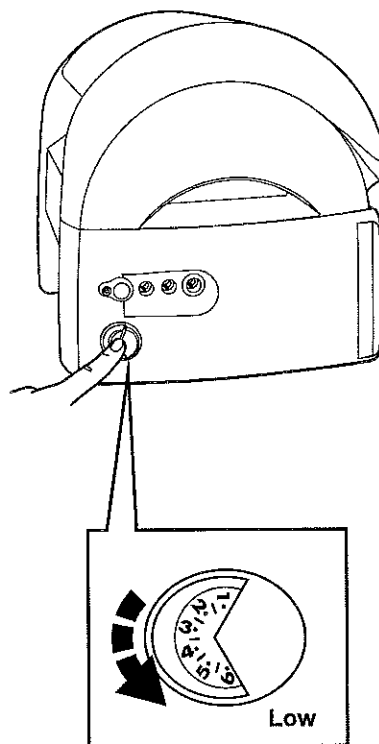
Therefore, we recommend advance testing and adjustment of the cutting pressure.

An appropriate cutting pressure leaves a slight trace on the release liner.

- If the tape is not properly cut and cannot be peeled off, the cutting pressure is set too low. Increase the dial value, in steps of half a graduation, so that the tape will be cut properly.



- If the release paper has also been cut (as far as the back of the release paper), the cutting pressure is too high. Decrease the dial value, in steps of half a graduation until the release paper is no longer cut.



CAUTION



Adjust the cutting pressure before use.

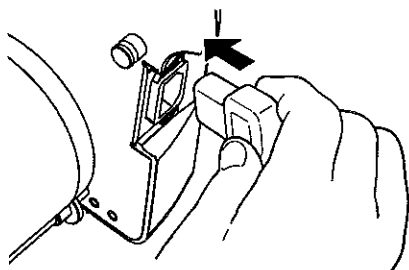
Continuing to use the machine with excessive cutting pressure can reduce the service life of the cutting tool (blade).

It would also cut the release paper and could cause the machine to malfunction.

Connecting the Cable and Turning On the Power

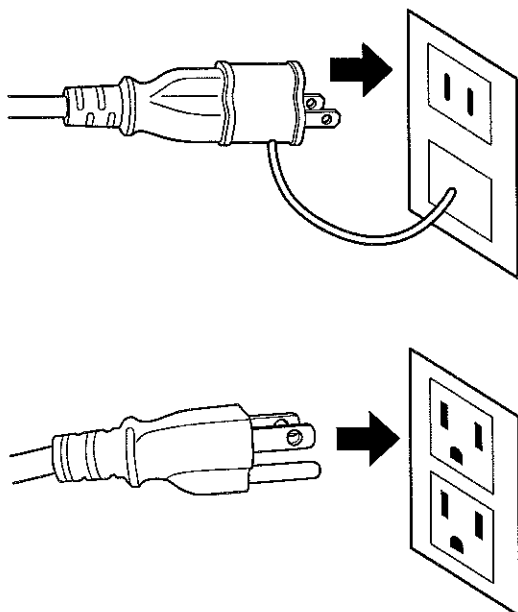
1

Connect the power cord to the power connector. (Load the tape, refillable ribbon cartridge, and blade in advance.)



2

Insert the power plug into an electrical outlet.



3

Connect the CPM-200 to the PC with the connection cable.

4

Press the power button to turn the power on. A green lamp will illuminate.

