

SAMURICE
SUSHI MACHINE
(TSM-07)

Instruction manual



To use this machine safely and correctly,
Please make sure to read this instruction
Manual carefully before use.

model/type	SUSHI MACHINE (TSM-07)
dimension	W300×D480×H590(mm)
Power supply	AC100V~240V
consumption	80W
weight	23kg

Xtop

⦿For the sake of safety, read the following carefully and make sure to follow the instructions:


●This explains the degree of risk in the case of improper handling, classified into















▲ WARNING and ▲ CAUTION.



The symbols have the following meanings:


 Prohibit  Do not touch  Grounding  Follow the instructions




 Unplug  No disassembly


 Warning: Improper handling may result in death or severe injury.







<p>Do not pull the cord when unplugging the power supply plug.</p> <p>●It may break, causing a fire.</p> <p style="text-align: right;"> Prohibited</p>	<p>When you do not use the machine for a long time, make sure to unplug the power supply plug.</p> <p>●It may result in an electric shock, an electric leakage or a fire</p> <p style="text-align: right;"> Unplug</p>
<p>Do not damage the power supply cord.</p> <p>●Twisting, putting something on it, or inserting something in it may break it, causing an electric shock or a fire.</p> <p style="text-align: right;"> Do not damage</p>	<p>Remove all the removable parts from the main body and clean them.</p> <p>●It may cause an injury or an accident.</p> <p style="text-align: right;"> Removal</p>
<p>Do not use a damaged cord or an outlet with a loose plug insert.</p> <p>●It may cause an electric shock, short circuit or fire.</p> <p style="text-align: right;"> Use prohibited</p>	<p>Do not splash water on the main body other than removable parts.</p> <p>●It may cause an electric shock, a short circuit or fire.</p> <p style="text-align: right;"> Prohibited</p>
<p>Avoid installing in any moist or water-logged locations.</p> <p>●It may cause an electric shock, short circuit or fire.</p> <p style="text-align: right;"> Installation prohibited</p>	<p>Do not insert your hand or fingers into the hopper while operating.</p> <p>●Your hand or fingers may become caught causing an injury or an accident.</p> <p style="text-align: right;"> Prohibited</p>
<p>Grounding</p> <p>●Otherwise, it may cause an electric shock or an accident.</p> <p style="text-align: right;"> Grounding</p>	<p>Do not insert your hand into each roller portion during operation.</p> <p>●Your hand or fingers may become caught, causing an injury or an accident.</p> <p style="text-align: right;"> Prohibited</p>
<p>Do not disassemble or alter the machine.</p> <p>●It may cause an electric shock, fire or an injury.</p> <p style="text-align: right;"> No disassembly</p>	<p>Do not insert your hand or fingers into any rotating portion during operation.</p> <p>●Your hand or fingers may become caught, causing an injury or an accident.</p> <p style="text-align: right;"> Prohibited</p>
<p>Insert the power supply plug firmly into the base after removing dust.</p> <p>●It may cause fire or a fire.</p> <p style="text-align: right;"> Remove dust</p>	<p>Remove or mount the parts after turning OFF the power supply.</p> <p>●Your hand or fingers may become caught, causing an injury or an accident.</p> <p style="text-align: right;"> Turn OFF the power supply</p>
<p>As soon as you notice any gas leakage, open your windows without touching the main body or the power supply plug.</p> <p>●A spark from electric contact may cause an explosion or fire.</p> <p style="text-align: right;"> Ventilate</p>	<p>Prevent babies and children from touching it. It may cause an injury or an accident.</p> <p style="text-align: right;"> Do not touch</p>

<p>Under any abnormal conditions such as a burnt smell, immediately unplug the power supply plug and suspend operation.</p> <p>● Continuous operation under abnormal conditions may cause an electric shock or a fire.</p> <p style="text-align: right;"> Unplug</p>	<p>Do not put anything other than rice or vinegared rice into the hopper.</p> <p>● It may cause an injury or an accident.</p> <p style="text-align: right;"> Prohibited</p>
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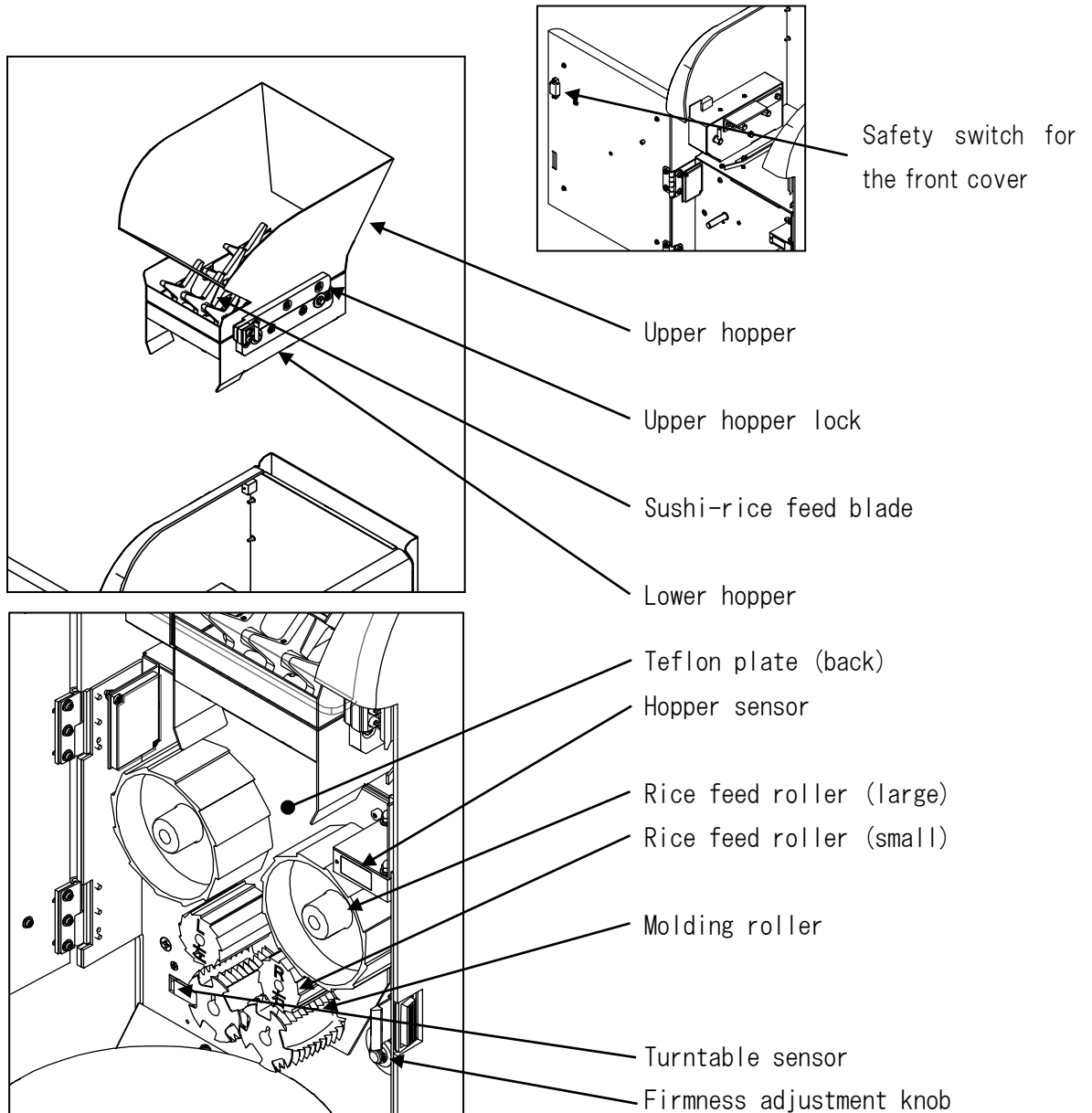
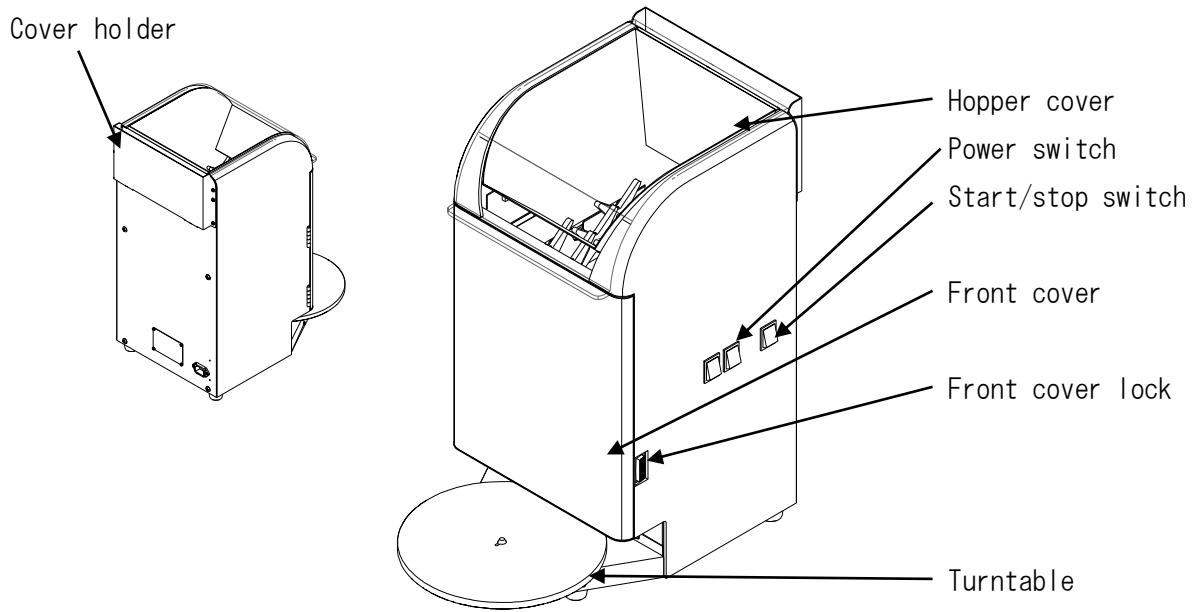
 **Caution:** Improper handling may result in death or severe injury.

<p>Use it under the supervision of a person who understands machinery management.</p> <p>● Using without proper understanding may cause an injury or an accident.</p> <p style="text-align: right;"> Understand</p>	<p>Hold firmly when transferring or transporting it.</p> <p>● The machine may drop causing an Injury or an accident.</p> <p style="text-align: right;"> Hold firmly</p>
<p>Do not touch the built-in heater.</p> <p>● It may result in a burn.</p> <p style="text-align: right;"> Prohibited</p>	

 **Caution:** Improper handling may result in failure of the machine or damage to buildings and household effects.

<p>Do not wash the Teflon coated machine parts with a hard brush or hard sponge.</p> <p>● It may cause peeling of the Teflon coating.</p> <p style="text-align: right;"> Prohibite</p>	<p>Do not damage parts.</p> <p>● It may prevent the normal Assembly of parts and cause problems.</p> <p style="text-align: right;"> Prohibited</p>
<p>Wipe off any oil or fat sprayed on the machine main body other than the removable parts.</p> <p>● It may result in deterioration or the breakage of parts.</p> <p style="text-align: right;"> Wipe off</p>	<p>Install the machine at a solid and flat location</p> <p>● A fall of the machine may damage the machine itself or the building or cause an injury or an accident.</p> <p style="text-align: right;"> Install horizontally</p>
<p>Do not wash the removed resin or plastic parts in a dishwasher or in hot water.</p> <p>● It may deform or damage the parts.</p> <p style="text-align: right;"> Prohibited</p>	<p>Firmly hold when transferring or transporting the machine.</p> <p>● A fall of the machine may damage the machine itself or the building.</p> <p style="text-align: right;"> Firmly hold</p>

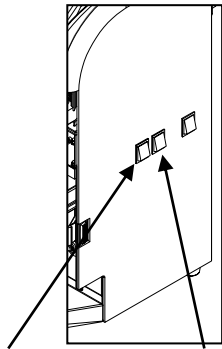
Part names



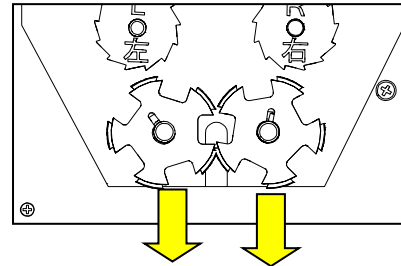
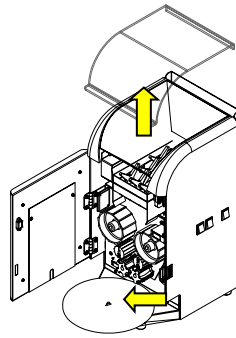
Removal procedures (roller)



Make sure to turn OFF the power supply switch before removing or mounting any parts. Failure to do so may result in a serious injury from your hand becoming caught in the rotating section (roller).



Power supply switch Start/stop switch

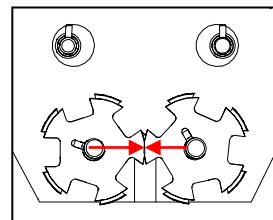


Remove the right and left forming rollers at the same time.

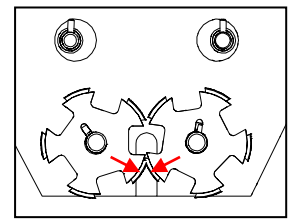
- ① Turn OFF the power supply switch after stopping the machine using the Start/Stop switch. *It automatically stops at a location where the rollers can be removed. It may take up to a maximum of about two seconds until it automatically stops.
- ② Remove the hopper lid, open the front cover by pushing the front cover lock indicated by the arrow and remove the right and left forming rollers at the same time.

Important Items

When you remove the forming rollers, **stopping after turning OFF the power supply switch first**, or pushing the stop switch and **opening the front cover before the machine automatically stops** may result in **you not being able to remove** the forming rollers as shown in the photograph on the left, so be sure to repeat the following operations:



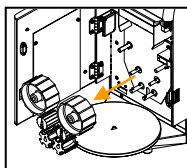
× Non-removable condition



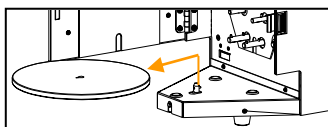
○ Removable condition

- ① Close the front cover again.
- ② Turn ON the power supply switch.
- ③ Push the Start switch.
- ④ Push the Stop switch.
- ⑤ If you wait until the machine stops automatically, the rollers will stop automatically where you can remove them.
- ⑥ Turn OFF the power supply switch.

● When removing the forming rollers, if the ends of the rollers stop in an overlapped position as shown above (as indicated by the arrows), it will be too hard to remove them. *Removing them forcibly may result in the breakage of the parts.



- ③ Remove each roller toward you.
Remove the turn table upward.



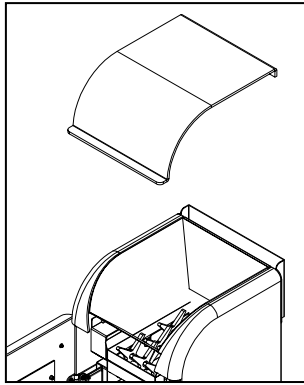
Do not wash the removed parts with a metallic brush or hard sponge. Doing so will result in damage to the Teflon coating.
Do not wash any removed parts in a dishwasher.
Doing so will result in deformation or breakage of parts.

* **Even if the power supply is turned ON when the front cover is open, the machine will not start up.**

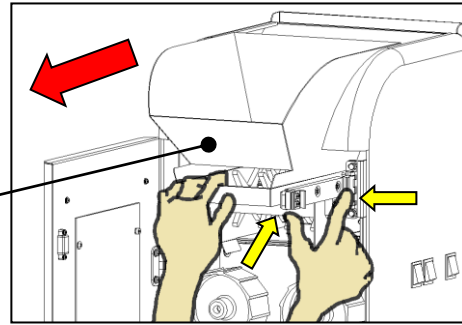
Removal procedures (Hoppers)



Be sure to turn off the power switch before removing the hoppers. Failure to do so may result in personal injury or accidents.

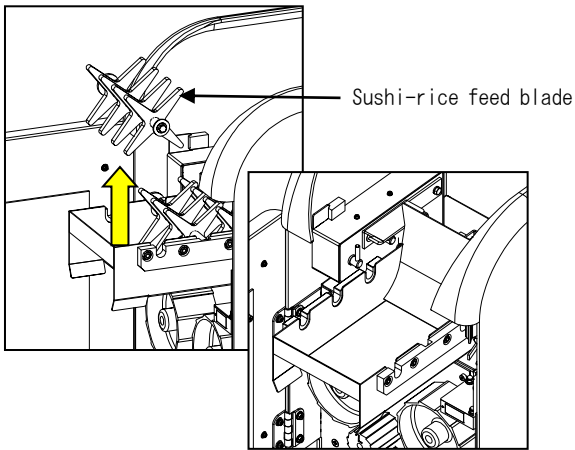


1. Turn off the power switch and remove the hopper cover from the main unit.

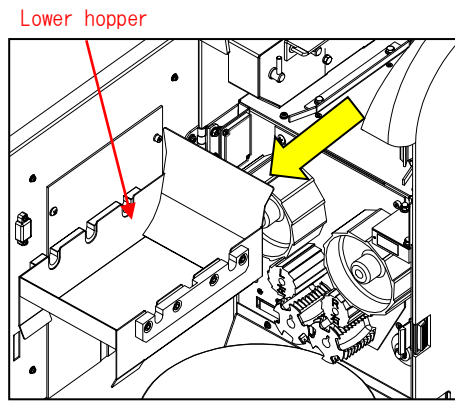


Upper hopper

2. Press and hold down the lock for the lower hopper and pull out the upper hopper.

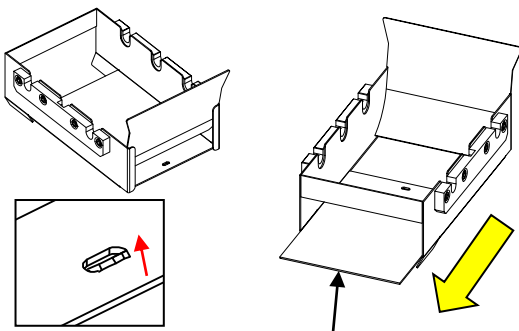


3. Lift and remove the sushi-rice feed blades, from nearest to farthest (3 blades).



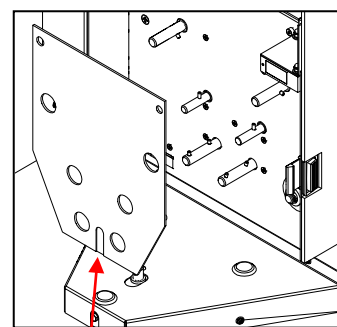
Lower hopper

4. Pull out the lower hopper.



Hopper bottom plate

5. Remove the hopper bottom plate attached to the removed lower hopper. Lift the back end of the bottom plate to disengage the plate from the hopper pin and pull out the bottom plate.



Teflon plate (back)

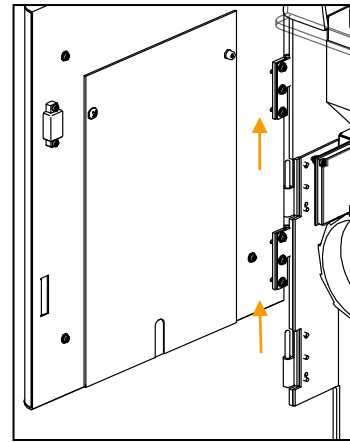
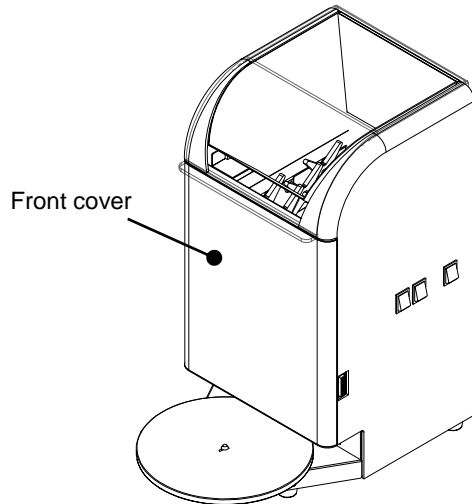
6. Last, pull out the Teflon panel (back).

How to Remove and Mount parts (front cover) * 115V Type A only

Danger

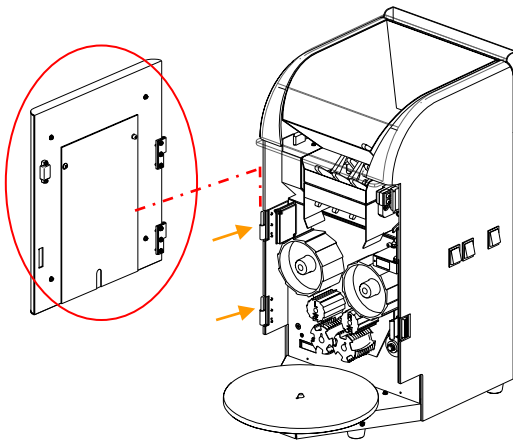
Make sure to turn OFF the power supply before removal and mounting of parts. Failure to do so may result in an injury or accident.

○ How to remove



① Opening and lifting the front cover upward allows it to be removed from the main body.

○ How to mount



① Insert from above by aligning the insertion portions of the front cover with the portions marked by the arrows on the main body.

◎ For your safety, the machine will not start up before the front cover is mounted and closed.

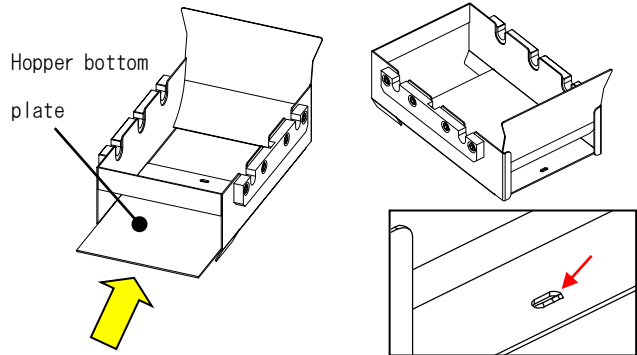
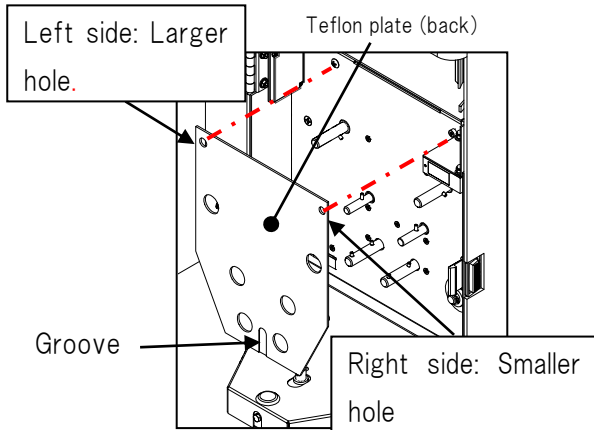
Caution

As the front cover is made of resin, be careful not to drop or strike it. Doing so may result in breakage.

Installation procedures (Hoppers)

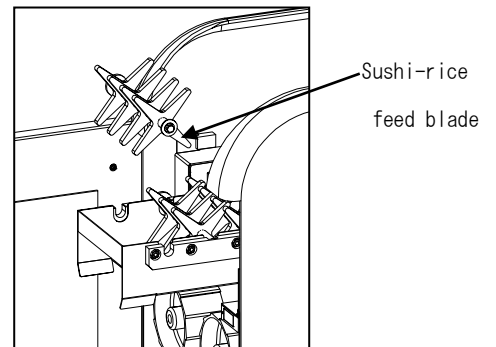
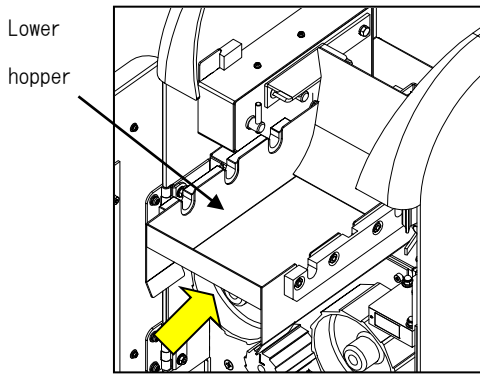


Be sure to turn off the power switch before installing the hoppers. Failure to do so may result in personal injury or accidents.



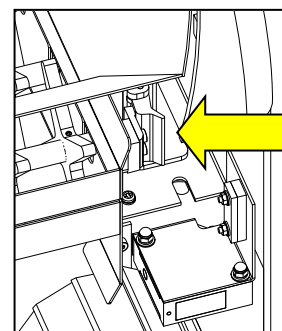
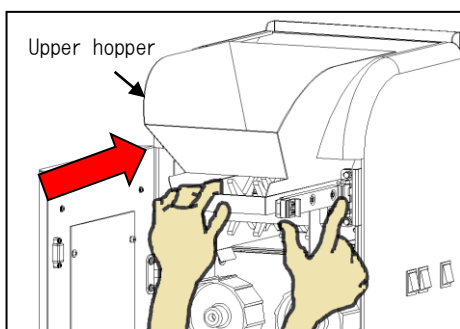
1. Install the Teflon plates (back and front) to the main unit. * The grooves should not be hidden.

2. Set the hopper bottom plate to the lower hopper. * Lift the back end of the plate to ensure that the hole in the far side of the plate receives the hopper pin.



3. Set the lower hopper to the main unit.

4. Set the sushi-rice feed blades sequentially from farthest to nearest (3 blade shafts). The farthest and nearest shafts have 4 blades. The middle shaft has 3 blades.



5. Place the upper hopper onto the lower hopper, and slide as far as they will go.

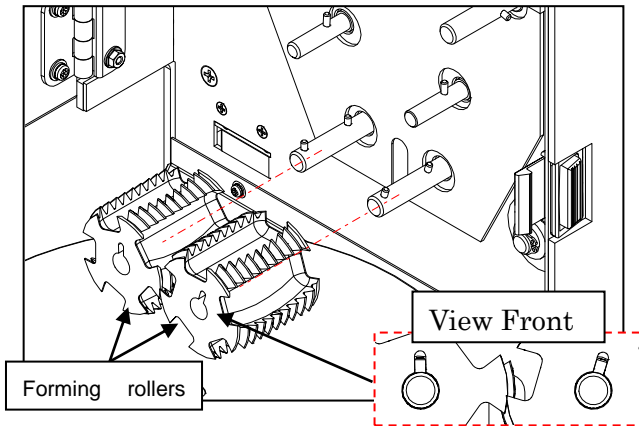
6. Last, make sure the lock of the upper hopper is properly locked.

* If the hoppers will not reach the furthest position, check that the blade shafts shown in 4 are mounted properly and not positioned higher.

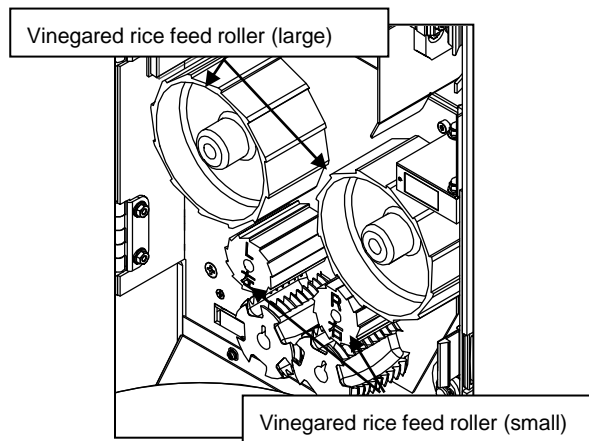
Installation procedures (roller)



Make sure to turn OFF the power supply before removal or mounting of parts.
Failure to do so may result in a serious injury from your hand becoming caught in the rotating portion (roller).

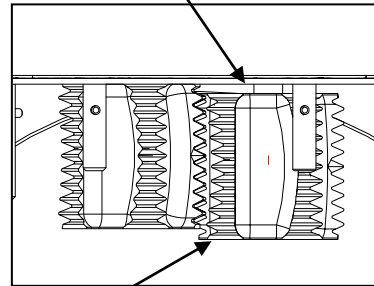


① Align the pin groove portions with the pin positions of the mounting axes of the main body and insert both the right and left ones securely to the back at the same time. *Note that there are right and left rollers (marked accordingly)



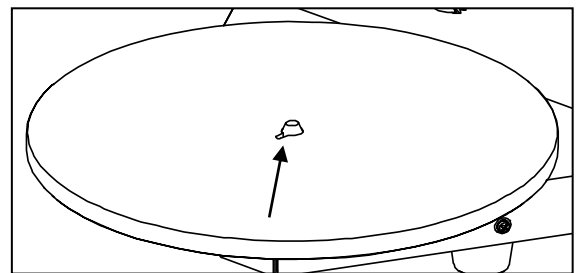
② Mount the vinegared rice feed rollers (large and small). *There are right and left ones (marked accordingly).

It is not fully inserted to the back.



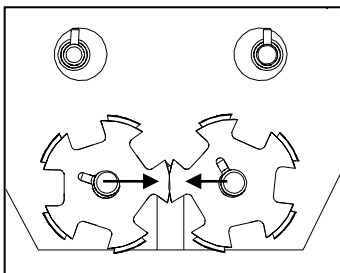
The right and left ones are out of alignment

● After setting the forming rollers to the main body, confirm that the right and left ones are not out of alignment.



③ Align the main body turntable axis with the turntable hole and set it from above.

Important items

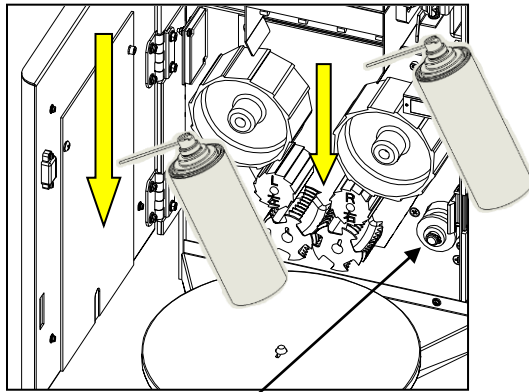
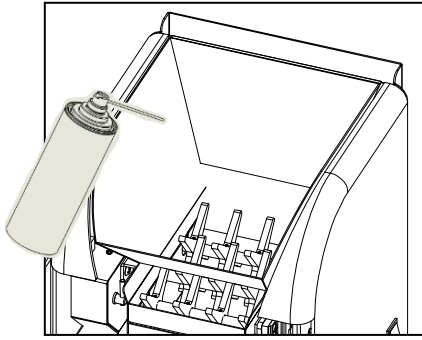


× Unmountable condition

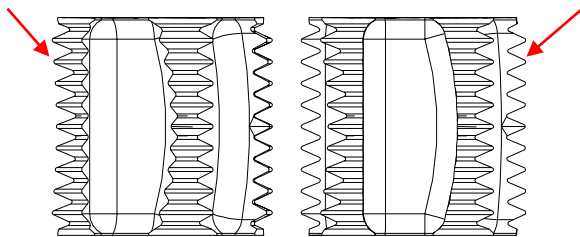
*When mounting the forming rollers, if the ends of the right and left rollers overlap as shown in the photograph at left (position indicated by arrows), it is not possible to mount these rollers. In this case, carry out the following operations:

- ① Close the front cover.
- ② Turn ON the power supply switch.
- ③ Push the Start button.
- ④ Push the Stop button.
- ⑤ Wait until the machine automatically stops and then they will stop automatically where you can mount the rollers.
- ⑥ Turn OFF the power supply switch.

Parts to be Inbricated by oil spray



Hardness Adjustment knob



Forming roller

① Spray oil inside the hopper before use.

Danger

Never insert your hand or fingers into the hopper; the hopper is dangerous.

② Before use, remove the Teflon coated plates (front and back) from the main body and apply oil to the passage of vinegared rice (portion indicated by arrows) by spraying.

● When vinegared rice comes out in a loose condition, it is likely that vinegared rice has stuck to the surface of the Teflon coated plates. Wipe off the vinegared rice stuck to the surface and apply oil by spraying.

* Be careful not to spray oil on the harness adjustment knob portion. Doing so may result in an accident.

③ Before use, remove the vinegared rice ball forming rollers from the main body once and firmly and directly spray oil on to the peak and valley portions of the rollers.

● When the vinegared rice balls frequently fall and drop on to the turntable, repeat the above-mentioned operations. In such a case, if the vinegared rice has stuck to the rollers in a sticky paste condition, wash the rollers in water once and spray oil firmly and directly on to the rollers.

● In case of a newly delivered machine, it will not have oil applied to the above-mentioned Teflon coated plates (front and back) or each roller. After washing the various parts and mounting them to the main body, make sure to spray oil and rub it on to such parts using embossed gloves, etc.

Danger

***Be especially sure to firmly and directly spray oil on to the forming rollers to become well accustomed to the rollers.**

Adding vinegared rice without carrying out this operation may result in the vinegared rice sticking to the Teflon coated portions.

When spraying oil on to the forming rollers, make sure to turn OFF the power supply because it is dangerous. Failure to do so may result in an injury or accident.

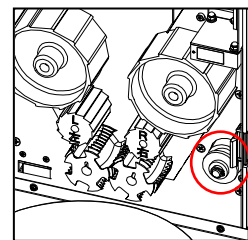
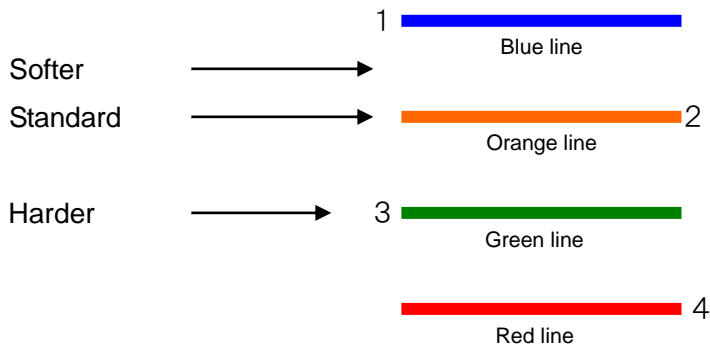
Hardness Adjustment (gram adjustment)

○ The adjusting knob is located at the right lower side inside the main body front cover.

*** Note**

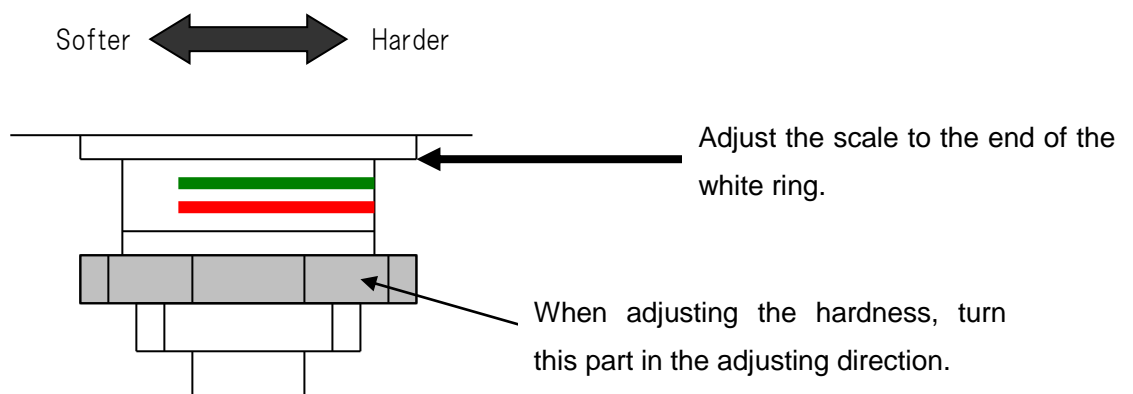
When the hardness is less than 1.5, the vinegared rice feed roller (large) will not rotate and the vinegared rice will not be fed and the rice balls will fall apart and will not be formed properly.

Explanation of scale marks



- When you want the standard hardness, adjust the scale to Scale 2 (orange line) (factory setting).
- When you want it a little bit softer, adjust it between Scale 1 (Blue line) and Scale 2 (Orange line).
- When you want it harder, adjust it to Scale 3 (Green line).

- As the number of the scale becomes smaller, it becomes softer.
- Making it harder than the standard hardness makes it about one gram heavier.
- Making it softer than the standard hardness makes it about one gram lighter.
- If you adjust the scale too far in the softer direction (less than 1), the vinegared rice balls may not be formed.



Be careful not to spray any oil on to the hardness adjustment knob portion. Doing so may result in trouble.

Procedure summary

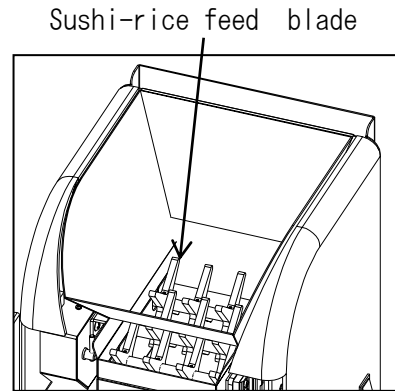
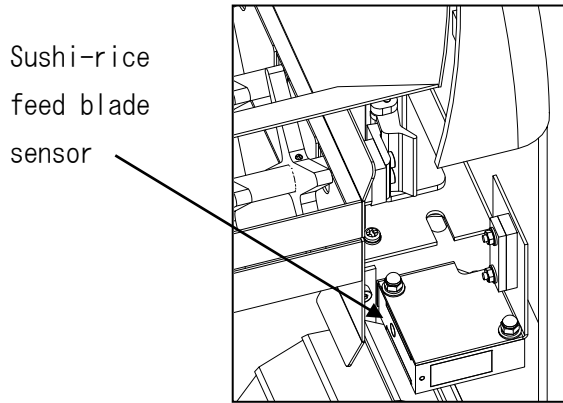
1. Spray oil over each part.
2. Check that the hopper is installed properly.
3. Check that the right and left ends of each roller are positioned properly.
4. Add sushi rice (shari) to the hopper.
5. Turn on the power switch.
6. The sushi rice balls will come out on the turntable.

● The sushi rice balls may be loose right after the operation starts.



Never insert your hand or fingers into the hopper or roller portions while the machine is in operation; these parts are dangerous.

Description of sensors



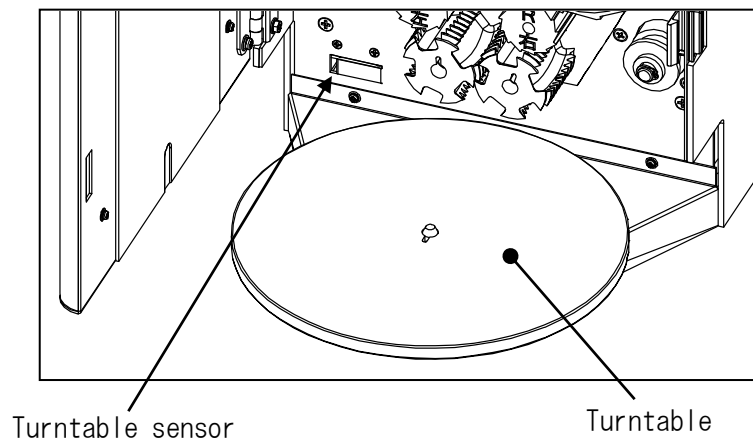
○Sushi-rice feed blade sensor

When the sushi rice at the rice feed roller (large) is cleared, the sensor detects that state and rotates the sushi-rice feed blade.

Never pour water or spray oil over the sensor.



If oil, rice, and other materials are attached to the sensor light emitter (red lens), the machine may not work properly, causing the rice feed blade to halt; wipe the red lens clean using a slightly moistened cloth or the like.



○Turntable sensor

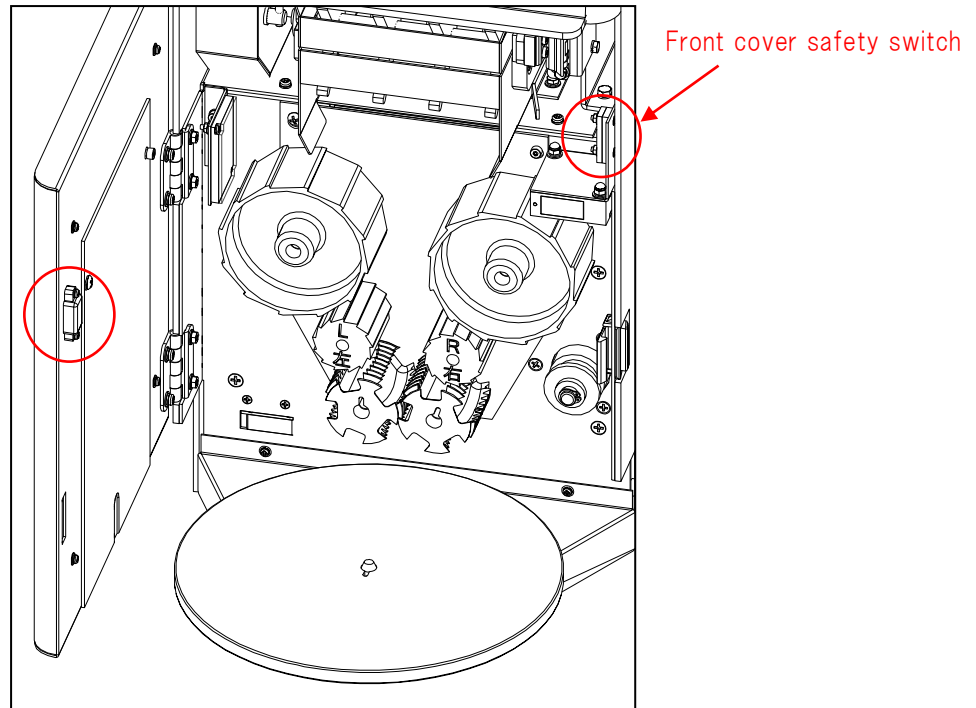
The sensor is used to stop the operation automatically when a predetermined number of sushi-rice balls are on the turntable.

Never pour water or spray oil over the sensor.



If oil, rice, and other materials are attached to the sensor light emitter (red lens), the machine may not work properly, causing the turntable to stop; wipe the red lens clean using a slightly moistened cloth or the like.

Description of the safety switch



○Front cover safety switch

For safety precautions, when the front cover is opened 1cm and more, the power off to stop the entire operation of the machine.

CAUTION

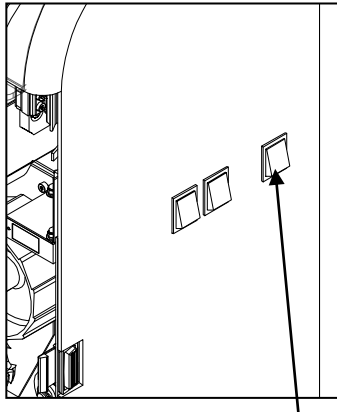
Never pour water over the safety switch; doing so may result in failure.

Keep-warm Heater *Optional Setting H Type Only



Be careful not to touch the built-in heater portion directly with your hands as it becomes very hot. Doing so may result in a burn.

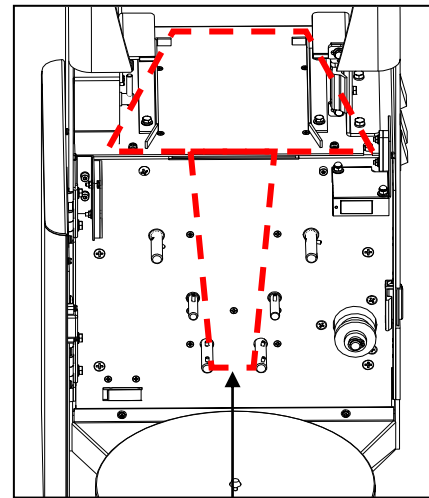
Keep-warm switch



Keep-warm switch

① Turning ON the keep-warm switch turns ON the built-in keep-warm heater in the portion marked with the dotted line.

* It takes about five minutes until it becomes completely warm.



Built-in heater portion

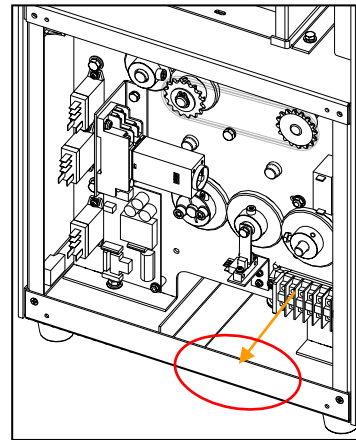
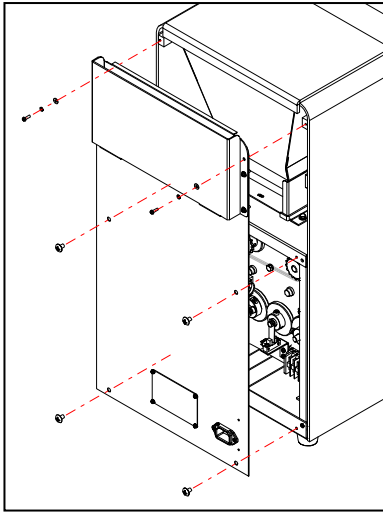
* Within the dotted line

How to Change Parts (fuses)

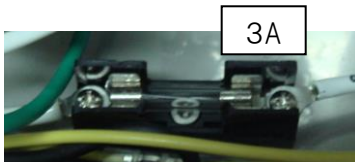
Caution

When changing fuses, be sure to unplug the power supply cord of the main body from the outlet.

Failure to do so may result in an electric shock, injury or accident.



① For the sake of safety, unplug the power supply cord from the outlet and then open the rear side of the main body by removing the screws (six screws as indicated by the arrows).



② Remove the fuse from the fuse box and replace it with a new fuse.

* The wire inside the fuse tube is normally connected, but if it is melted in the middle, replace it with a new one.

● One fuse is contained in the spare parts case when you purchase the machine.

Fuse to be used (for A)

○ When ordering fuses, consult with your distributor.