

USER'S MANUAL

Hatsuyuki Manual Ice Shaver HA-110S



CHUBU CORPORATION

FOR SAFETY

- Before operating the machine, please read the following “Instruction for Safety” in the manual very carefully, and operate the machine correctly.
- Each instruction specified in the manual is very important for safety, so be sure to follow each instruction as specified.
- Attention marks and their meanings are as follows :

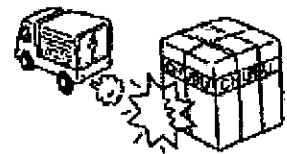
“WARNING” Incorrect operation of machine is dangerous and can cause injury of person or material damages.

“CAUTION” Incorrect operation of machine is dangerous and can cause injury of person or material damages.

Note : “Material damages” means damages to buildings, furniture and effects, pets, etc.

WARNING

- Confirm that the machine has no transportation damage as soon as it is delivered.
If it has any damage, contact the supplier with the information.
It can cause injury by using the damaged machine.



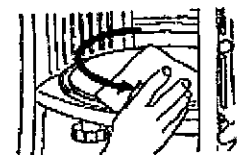
- This machine is for “COMMERCIAL USE”.
Be sure to keep the machine away from children.



- For cleaning and maintenance of the machine, always put on gloves. The Shaver blade and block ice holding nails are very sharp. Never touch them directly. It can cause injury.



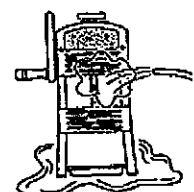
- Lower the shaver blade below the shaving table when cleaning the shaving table. Wipe it around counterclockwise on the shaving table.



- Never touch the blade tip nor the block ice holding nails directly with hand. They can cause injury.



- Do not pour water over the machine or immerse machine in water.

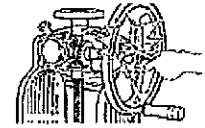


WARNING

● No one other than qualified service staff should disassemble or repair the machine. A machine that is not working properly could lead to injury or destroy the machine.



● Never remodel the machine. It can cause injury.



CAUTION

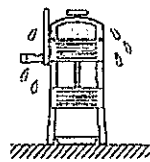
● Always install the machine on a stable and flat surface. Irregular or imperfect installation can cause the unit to tip or fall and is therefore dangerous.



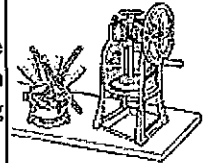
● Do not touch the prongs (nails) with your fingers. Doing so could cause injury.



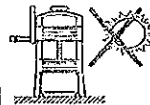
● Install the machine in a location unaffected by occasional dripping of water. Melting ice will drip and can, therefore, drip onto things surrounding the machine.



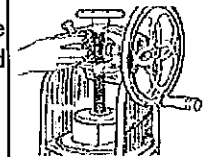
● Do not install/place the machine close to any heating appliance such as a gas burner. It can cause melting and/or burning of plastic cover.



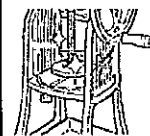
● Keep the machine away from direct sunlight. It can cause a damage to plastic parts.



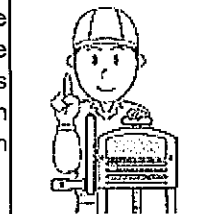
● Grip the ice block firmly. The ice could jump out if it is not positioned firmly.



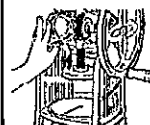
● Clean the food zone area in the shaving chamber before use. Not cleaning it could increase the chance of contamination and could be the cause of illness.



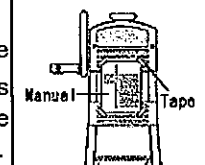
● For disposal of disused unit, please contact local disposal experts or the nearest vendor. Abandoned machines are dangerous. Treat blade on machine as a dangerous item when disposing machine.



● Adjust the tension bolt properly so that when you do not support it with your hand, the ice holder does not descend. It can cause injury.

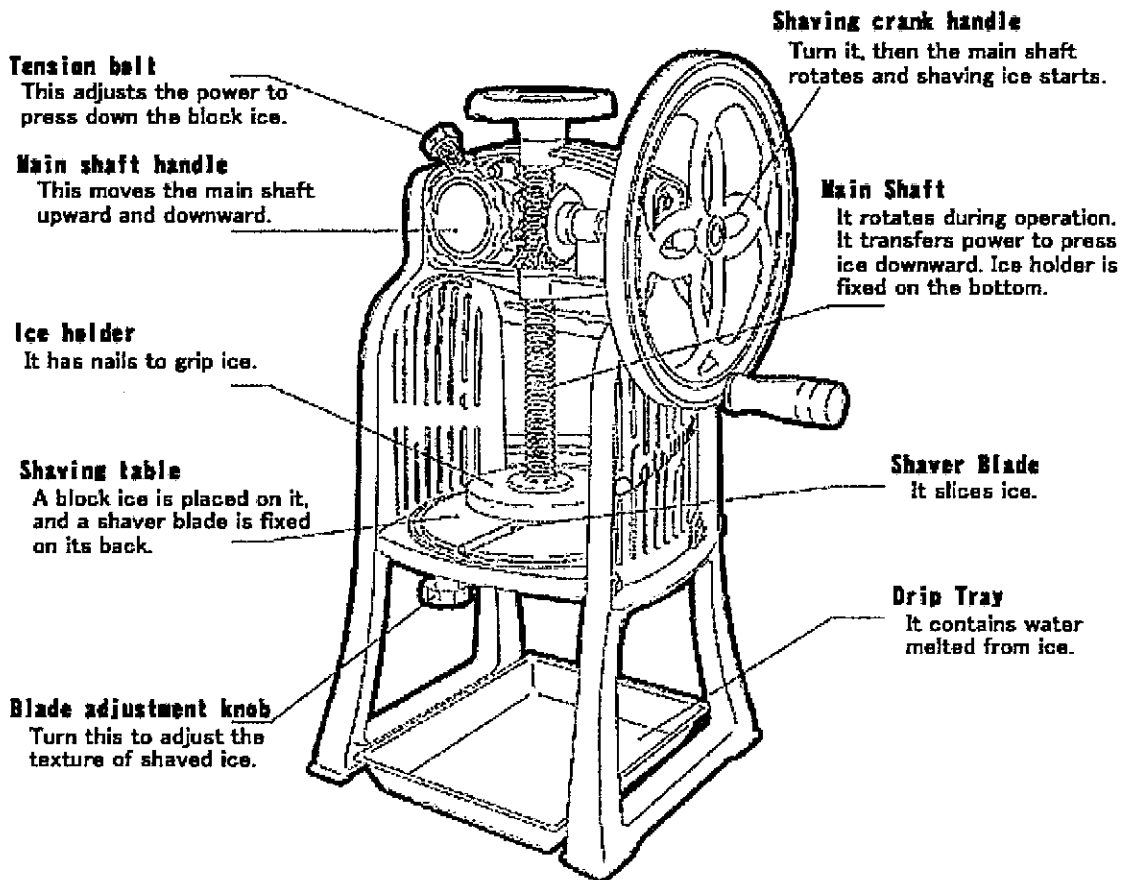


● When you sell or give the machine to a 3rd party, make sure that this "USER'S MANUAL" goes with the unit for safety and correct operation.



PART NAMES AND FUNCTIONS

- This machine is commercial block ice shaver to produce shaved ice from a block of ice
 - a dice of 13cm approx. Use a block of ice and never use other items.



ACCESSORIES



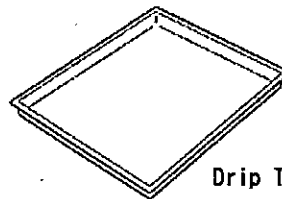
Crank Handle (1)



Spana (1)



Fixing Bolt (1)



Drip Tray (1)



Manual (1)

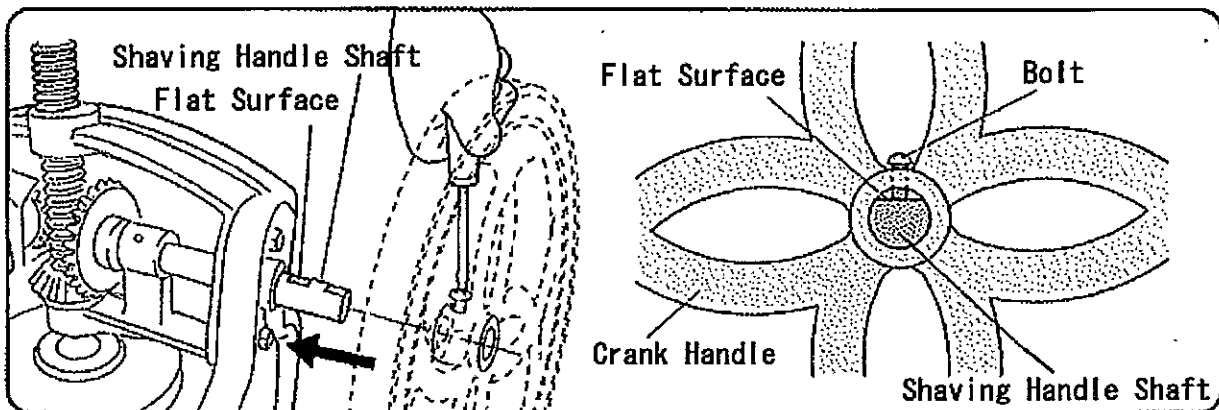
INSTALLATION AND PRE-OPERATION CHECK

● Installation

This machine is commercial equipment and should not be operated by a child.
Keep this machine away from children.

● PRE-OPERATION CHECK

- Attach the shaving crank handle as indicated in the drawing.



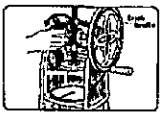
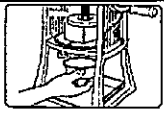
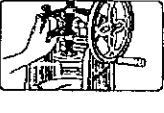
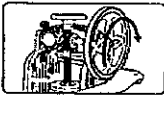
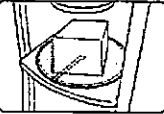
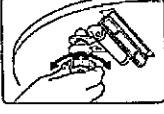

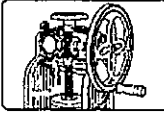
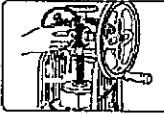
Attach the shaving crank handle with the screw (included as an accessory) using a Phillips(+) screwdriver. Fasten it so that the screw touches and presses the flat face of the shaving crank handle. Improper attachment will loosen the shaving crank handle.

- Clean the shaving table and the ice holder before shaving ice.
- Be careful of the prongs (nails) when placing/taking out a block ice.
- Confirm that the ice is placed properly in the center and gripped firmly by the ice holder prongs.
- Do not touch the prongs (nails) directly with your hands. This could cause injury.

REMARKS :

- 1) Ice that is very cold or smoky in color is not suitable for shaving because it is too cold and hard. Use transparent ice of an appropriate temperature. Ice that is smoky in color will not produce soft and fluffy shaved ice. It could damage the blade tip and it will make the blade dull earlier. Use transparent ice for soft and fluffy shaved ice and for the life of blade.
- 2) Do not put things on the unit. The main shaft turns when the unit starts and it could be dangerous.

OPERATION INSTRUCTIONS

<p>1. Place a block ice.</p>		<p>2. Place a cup.</p>	
<p>● Turn the shaft handle counter-clockwise to raise the ice holder.</p>		<p>● Place a cup under the shaving table to receive the shaved ice to fall down.</p>	
<p>● Ensure the shaft handle is free and that it does not fall down. ※If it falls down, it is dangerous.</p>		<p>3. Turn the crank handle.</p>	
<p>● Place a block of ice on the center of the shaving table. The ice should not exceed the area of the shaving table. Otherwise, the ice will not be shaved well or it will be shaved improperly and might jump out. ※Do not touch the nails of the ice holder. It can cause injury.</p>		<p>4. Adjust the ice texture.</p>	
<p>● Keep your hands away.</p>		<p>5. Stop the crank handle.</p>	
<p>● Turn the shaft handle clockwise to lower the ice holder and let its prongs grip the ice firmly. If the ice is not firmly gripped, it could come loose and be dangerous.</p>			

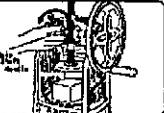


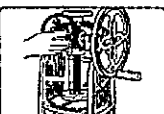
PLACING ICE ON/OFF THE SHAVING TABLE.

- Be careful of the blade when taking the block of ice in/out.

Do not touch the blade, as it can cause injury.

- Be careful of the sharp prongs of the ice holder.

Do not touch them, as they can cause injury.

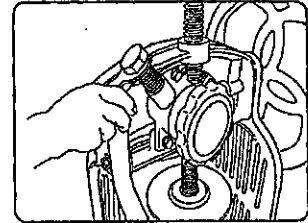
<p>1. Turn the main shaft handle counterclockwise to raise the ice holder.</p>		<p>3. Take out the ice on the shaving table.</p>	
<p>2. Ensure the shaft handle is free and that it does not fall down.</p>		<p>4. Turn the main shaft handle clockwise and keep it low.</p>	

ABOUT THE TENSION ADJUSTMENT BOLT

CAUTION : Adjust the tension adjustment bolt not to descend when you remove a supporting hand from the crank handle. Otherwise, it can cause injury. Adjusting the bolt adjusts the power used to hold the ice.

● **Use a slotted screw driver.**

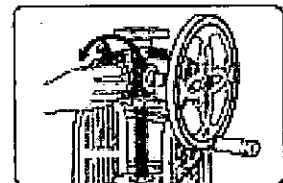
- Turn the bolt clockwise for stronger tension of gripping ice or counterclockwise for weaker.
- Confirm the adjustment by turning the crank handle. Recommended tension is such that the ice block holder does not descend when you remove a supporting hand from the holder, yet it does not feel heavy or tight when the handle is moved to lift the holder.



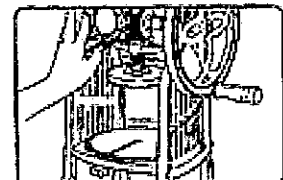
REMOVING THE BLADE AND ATTACHING THE BLADE

● **Be sure to put on gloves while cleaning/changing the blade. Never touch the blade tip directly. Additionally, do not touch the prongs(nails) of the ice holder. They are very sharp. They can cause injury.**

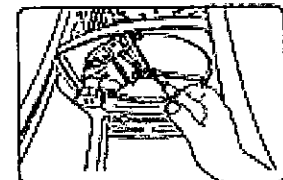
1. Turn the main shaft handle counterclockwise to raise the ice holder.



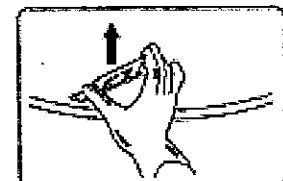
2. Ensure the main shaft handle is free and that it does not fall down.



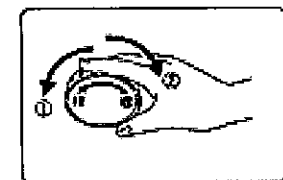
3. Loosen the two Phillips(+) screws that fasten the blade.



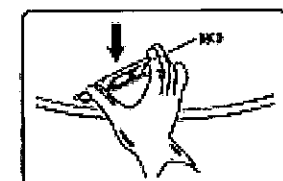
4. Remove the blade upwards through the opening of the shaving table.



5. Turn the blade adjustment knob completely counterclockwise until it stops. Then, turn it back clockwise by half a round for easier installation of a new blade.



6. Position a new blade so that its engraved mark, "Hatsuyuki", faces the ice holder. Insert it between the blade holder and the ice receiver from the opening of the shaving table.



7. Position the blade tip and the shaving table at the same height and level. Then fasten them firmly with the screw.

8. Turn the blade adjustment knob clockwise for the desired shaved ice texture (turn it clockwise for coarser texture). You can adjust it during the operation

CLEANING AND MAINTENANCE

- Be sure to put on gloves while cleaning/changing blade works. Never touch blade tip directly. Also do not touch the prongs(nails) of the ice holder. They are very sharp. They can cause injury.
- Clean the shaving table and ice holder before placing ice on the shaving table. Indispensable for cleaning the foodzone parts.
- Do not use water of over 40 degrees Celsius (100 degrees Fahrenheit). It damages plastics.
- Do not use followings for cleaning plastic parts : Thinner, Benzine, Alcohol, Oil, Soap Powder, Polishing Powders, Alkaline Detergent, Acid, Scrub Brushes, etc.

● Daily Maintenance

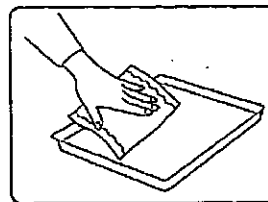
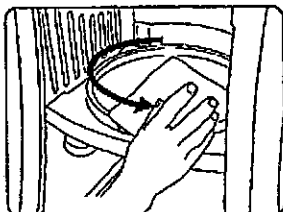
– Shaving Table / Ice Holder / Drip Tray

1. Turn the blade adjustment knob completely counterclockwise to lower the blade tip behind surface of the shaving table. Otherwise, it could injure your finger.



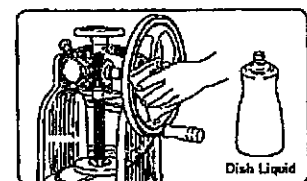
2. Clean the shaving table using a damp cloth in a counterclockwise direction. Do not clean in a clockwise direction ; this could cause injury inflicted by the blade. Clean the edges of the shaving table, grooves, frames, ice holder, drip tray, etc.

The water should be cooler than 40 degrees C (100 degrees F) for the plastic parts.



● Clean Heavy Stains

For heavy stains, use detergent. Wipe unit with a wet cloth dipped in lukewarm water. After using detergent, wipe off all residue completely with fresh water.



Monthly Maintenance

– Lubrication : Use gear oil or thin light petroleum oil commonly used as machine oil. Do not use vegetable oil.

1. Lubricate the main shaft and bearing while turning the main shaft handle to move the main shaft up and down.

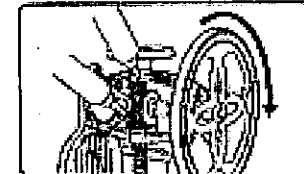
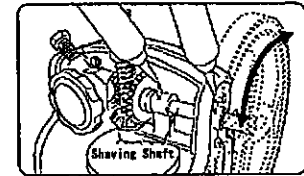
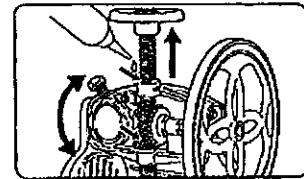
2. Lubricate the shaving shaft.

Lubricate the shaving handle through the two holes while rotating the shaving shaft.

3. Lubricate the two wheel gears.

Lower the main shaft handle and turn the shaving crank handle clockwise.

Lubricate the gear all over lightly.



● Storage

To warehouse or store the machine for more than one week, dry it completely and keep the machine in a place free from moisture.

TROUBLE SHOOTING

● The machine should be serviced by the distributor or an authorized mechanic.

Ice cannot be shaved.

- Is the blade dull? Replace the blades. (See Page 6)
- Is the blade adjusted properly? Turn the blade adjustment knob clockwise to raise the blade.
- Is the tension bolt loose? Turn the bolt clockwise for increased tension.

Ice moves away from the ice holder during shaving.

- Do the prongs of the ice holder not catch the ice? Drop the ice holder a bit more so that the prongs grip the ice firmly.
- Is the tension too loose? Turn the tension adjustment bolt clockwise.

TRANSFER AND DISPOSAL

- When selling or transferring this product to a third person, tape this “USER’ S MANUAL” to the machine. This will ensure the new owner has all the instructions.
- Refer to a qualified service or your local dealer when discarding the product. Abandoned products are dangerous and can result in injury. Blades are dangerous and require proper disposal.

SPECIFICATIONS

Model : HA-110S

Shaving Capacity : 0.7 kg per minute

Shaving Table Effective Diameter : 200 mm (7-7/8 inch)

Unit Dimensions (milli meter) : 391 width (mm) x 270 depth x 580 height

Net Weight : 14.5 kgs. (31.9 Lbs)

Accessories : Shaving Handle

Drip Tray

Screw

User' s Manual

Manufacturer :

CHUBU CORPORATION

1533-1 Dogamine, Hagasaki, Kuwana, Mie, 511-0944, Japan.