MEFE
MITCHELL ENGINEERING
FOOD EQUIPMENT PTY LTD

Operating Manual

Commercial Citrus Juice Squeezer

20 oranges per minute

CAT 360J20

Revision 1

Commercial Juicer Machine made of stainless steel shell, transparent plastic cover, food grade plastic parts (convex and concave balls) and remaining collector. Anti-Corrosion, and easy to wash. Juicer can produce fresh and delicious juice in just a few seconds after operation.

Extrusion Juicer designed for continuous use, squeezing whole citrus fruits. Quick and convenient to operate, with two stainless steel peel collecting buckets, and a detachable drip tray. Citrus can easily be stored above the machine in the storage basket. Suitable for oranges Ø40-Ø80mm

Please read the following directions before operation:

1. Technical Parameters

Power Supply	Power	Size of Orange	Output
220V 50~60Hz / 110V 60Hz	120W	40-80mm	20 Orange /min

2. Before Operation

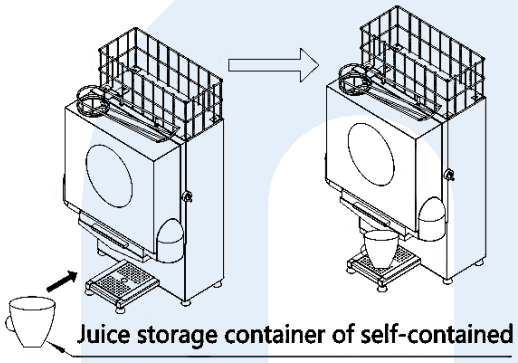
   I. Ensure the machine is on a stable, flat surface, and power supply is grounded.

   II. Ensure all parts are installed. This product is fitted with a safety system, and will not operate unless the machine mask is correctly installed.

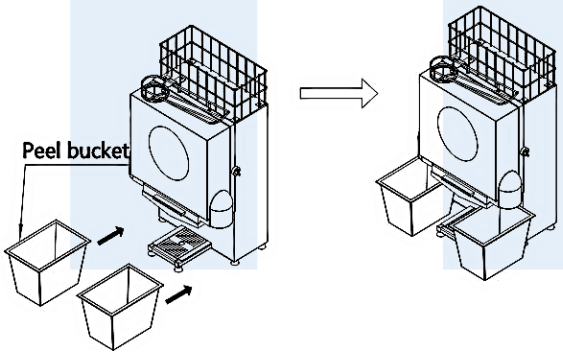
   III. Before first use, wash all parts that contact with food

3. Operation Process

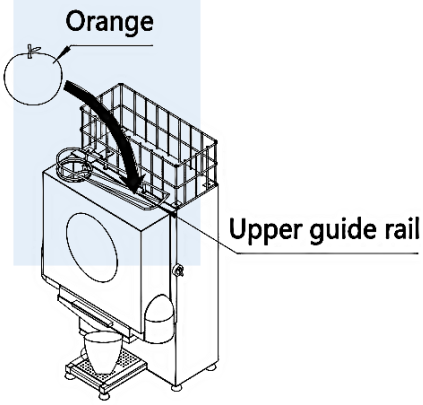
   I. Put a glass, or storage container on the tray of the base.



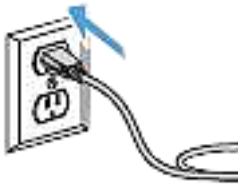
   II. Put the peel bucket in the two sides of the bottom of the machine body.



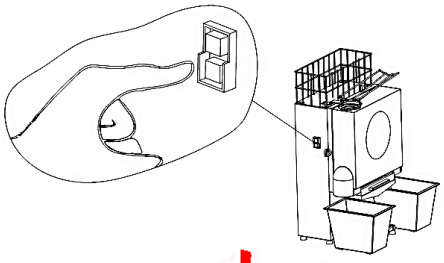
   III. Pour the cleaned orange into the machine fruit basket.



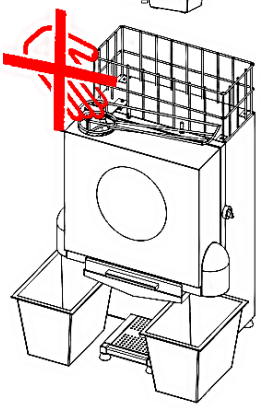
3. Operation Process Continued



IV. Plug in the machine. Pressing the start switch (white 220V or green 110V) can feed the orange continuously into the feeding port (Select models require artificial feeding). Once the citrus is out of juice, the fruit peel is automatically separated to enter the fruit peel bucket, and juice dispersed from bottom central outlet.



V. When feeding, please do not insert fingers, or other objects into the feeding port. If the juice storage container, or the fruit peel bucket is filled up, switch off the power supply and re-place / clean as required.



VI. Once finished, turn off the switch, disconnect the power supply and disassemble for cleaning as instructed below.

4. Maintenance and Cleaning

I. Before cleaning the product, the start switch must be turned off, disconnect the power supply, and wait for the machine to stop completely.

II. Clean juicer immediately after using.

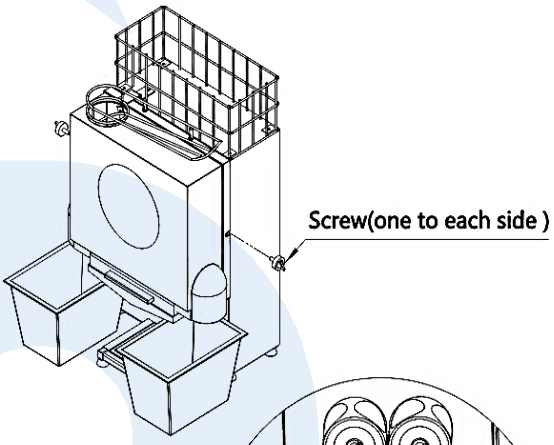
III. The external of the main body can be wiped with a wet cloth, please do not wash it with water directly. All the unloaded parts can be directly put into the water to clean.

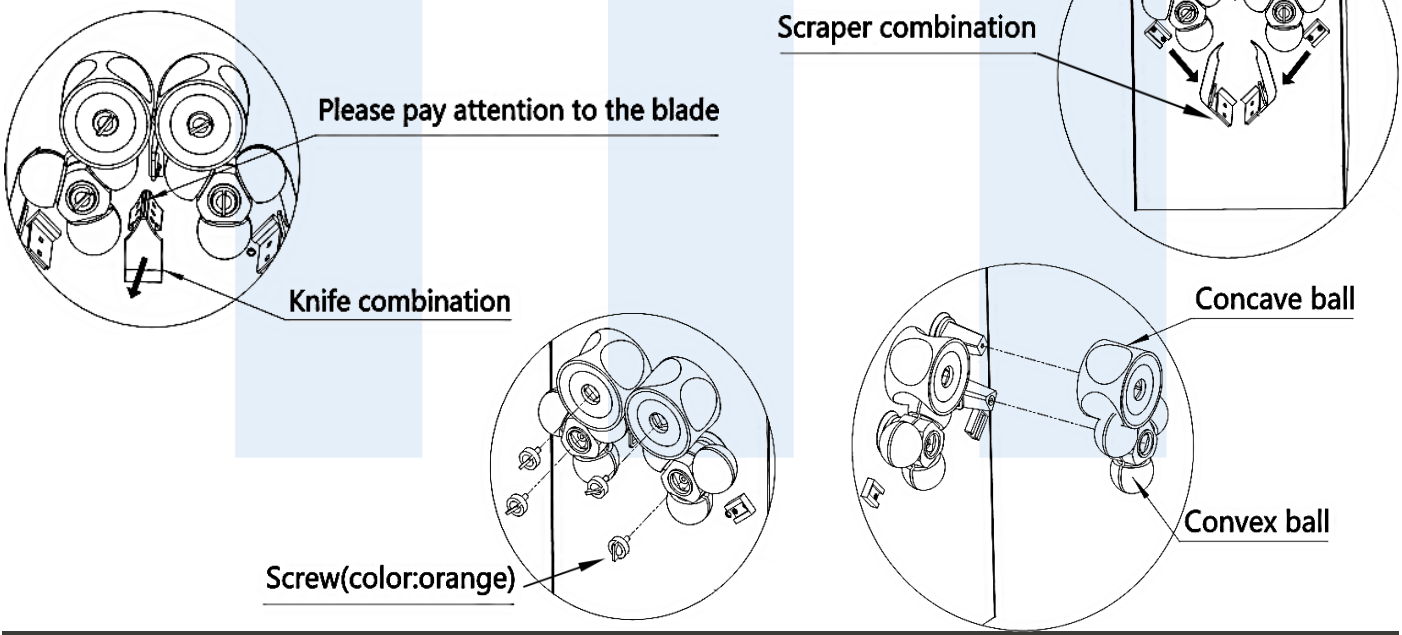
IV. Refer to the following steps to disassemble and clean.

a. Unscrew the cover, and take it off the machine.

b. In turn, take down the knife combination (Be careful blade does not cut hand), two ground of scraper combinations, unscrew the four screws, take down the two groups of concave and convex balls (each group of the concave and convex balls need to be taken out at the same time).

c. After cleaning the product is complete, re-install each part in the opposite order (pay extra attention to whether the safety switch button is pressed)





5. Product troubleshooting

I. Issue:

a. Electrical Fault;

- Check whether the safety switch is in good condition
- Check whether the safety switch is in the closed position (Select models have a pressure safety switch button form the top of the cover)

b. The starting switch does not work;

- Check whether the starting switch is in good condition
- Check whether the starting switch socket end is plugged in.

c. Motor does not work;

- Check whether the socket at the two sides of the power line is tightened
- Check whether the fuse is in good condition
- Check whether the terminal in the motor switch box has a solid connection.

II. Mechanical Fault

a. The motor output shaft end bevel hear wheel transmission mesh:

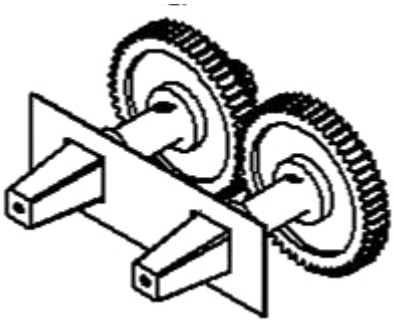
- Check whether the size of bevel gear wheel is damaged
- Check whether the meshing positions of the big and small bevel gears wheel are correct, the adjustable smell bevel gears wheel is rising to the correct meshing position and tighten the hex screws on the gear (when the small bevel hear wheel on the motor shaft position is moved down).

b. The damage of transmission cylindrical gear

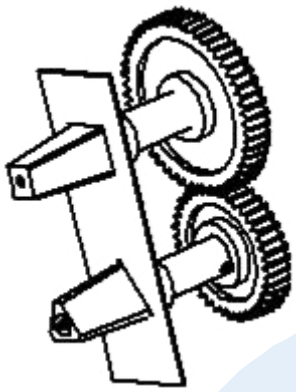
- The size of transmission cylindrical gear is divided into a pair of large cylindrical gear (Z = 52), a pair of small cylindrical gear (Z = 39).
- Iron gear is generally is tooth form damage
- If the cylindrical gear has abnormal sound, it can be judged that the cylindrical gear is damaged, in the initial stage of the gear damaged, the machine work must be stopped immediately, the damaged gear must be replaced, otherwise it will affect the relative position of the working parts of machine, thus aggravates the damage of the gear, and until damage the electrical machine and the working surface of the and concave and convex balls.

Replace the method of cylindrical gear

1. Remove the damaged cylindrical gear and the related parts according to the assembly sequence
2. Use two square hole templates lock the upper two of four corner angle shaft parallels (figure below), and then install two big cylindrical gears



3. Remove the two square hole templates.
4. Use one square and a triangle template to lock the left (or right) upper four corner angle shaft and lower triangular shaft (figure 2) under the ridge axis, and then install the small cylindrical gear.



5. The installation method of the other side of the small cylindrical gear is the same as 4.