

TEA SHAKING MACHINE

6CZQ-110B

USER'S GUIDE

Product implementation standards: **JB/T 9814-2007** "tea shaking machine"



Warning!

In order to reduce the degree of injury, please use this manual carefully before using this machine.

Please follow the instructions in this manual.

The manufacturer reserves the right to change specifications without notice.

Quanzhou Deli Agroforestril Machinery Co.,Ltd

Dear Customer:

Thank you for using the "Deli Assistant" brand tea machinery equipment, our products will become a good helper for your tea.

Before using this product, please read the "Instruction Manual" carefully to understand the structure and performance of the machine, master the use, maintenance, maintenance and troubleshooting methods to ensure that you can complete the task efficiently.

·Please read the "Instruction Manual" carefully



·Attention warning sign and working voltage



·Be sure to be firmly grounded



·Attention to mechanical injury



·Please pay attention to safety protection



·Pay attention to prevent burns



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1. Usage and characteristics

(1) Usage

This product is suitable for the shaking of various good quality teas.

(2) Features

Belt conveyor, fixed speed, can be equipped with two rollers. According to your demands to set the time of shaking and adjust the speed to improve the quality of tea.

2. Parameter

Model		DL-6CZQ-110	DL-6CZQ-110B
Dimensions(LengthxWidthxHeight)		3760×1120×1450 mm	3760×1120×1450 mm
voltage / frequency		380/50 V/HZ	380/50 V/HZ
Total heating power		12 kW	12 kW
Fast and slow drum drive motor 2 sets	Power	2.2 kW	2.2 kW
	Speed	1400 r/min	1400 r/min
	Voltage	380 V	380 V
Fan power	Power	1.5 kW	1.5 kW
	Speed	1400 r/min	1400 r/min
	Voltage	380 V	380 V
Working speed of roller		15-30 r/min	15-30 r/min
Inner diameter of roller		1100 mm	1100 mm
Length of roller		3000 mm	3000 mm
Output		100 Kg/batch	100 Kg/batch
Materials		Galvanized steel	Stainless steel
Application		Oolong tea	

3. Installation requirements

- (1) The power supply voltage and air switch should be consistent with the requirements of the product.
- (2) Must have reliable grounding to ensure personal safety
- (3) Must be installed on a level, level ground and fixed.

4. Operation method

- (1) Turn on the power, adjust the rotation speed, set the time, turn on the alarm switch, and then activate the button. In conjunction with the clutch test run, if the operation is normal, stop the machine, end the test machine, and clean the dry leaves in the drum.
- (2) Put the tea leaves into the drum and shake the tea evenly evenly in the drum (about 100-150KG per drum). The amount of tea loaded varies according to the variety of the tea. The amount of tea is just enough to cover the center axis of the drum. It is advisable, then fasten the feeding door.
- (3) Press the start button, start to shake, and timing. The time, temperature, speed, number and interval of shaking time are flexibly controlled according to the climate season and the green program control.

(4) At the end of the shaking, turn off the power, open the door of the roller, take out the tea leaves for agitation, and clean the remaining leaves in the drum.

6. Maintenance

(1) Please check the oil of the gearbox before the production every season. If the oil is insufficient, please add it to the designated position.

(2) Pay attention to keep the V-belt clean and not stained with oil to avoid slipping.

(3) Regularly check the tension of the drive belt. Generally, use a wooden belt to press the V-belt tightly. If the tape sags 30-50mm, the tensioning device should be adjusted. If damaged or worn parts are found, please replace them in time.

Recommended settings (you can adjust it according to your conditions):

Step	Rotate with blowing	Only Blowing	No rotate no blowing	Mark
1	3 min	90 min	0 min	during 90 minutes, rotate the drum 4-5 round each 30 minutes
2	3 min	0 min	30 min	
3	3 min	60 min	0 min	
4	5 min	60 min	30 min	
5	30 min	0 min	60 min	

Set the temperature 30-35°C, suggest 32°C

The steps are connected, 0 minutes means skip this step and go directly to the next step.

7. Safety Precautions

(1) Do not wear loose clothes. Work clothes should be tight and fasten the buttons. Do not work barefoot or slippers. Women should put their hair up and wear a work cap to avoid wearing large clothes or hair is been rolled into the conveyor belt.

(2) The unit must have a reliable grounding to ensure personal safety.

(3) Minor children and people after drinking, sick and drug allergic persons are strictly prohibited from approaching the working machine or directly operating the machine to avoid accidents.

(4) When the machine is working, it is strictly forbidden to contact it with hands or other parts during operation to avoid the danger of crushing and winding.

8. Malfunction and solution

Malfunction	Solution
Hearing bumps or other abnormal sounds while the machine is turning	The pulley screw is loosen Should stop the machine, and tighten the screw.
Gearbox oil temperature is higher than 80 °C	The model of the lubricant is incorrect. The oil level is too low and the lubrication is poor. The worm gear has been worn out and not replaced in time.
Drum turns slowly	Adjust the belt tightness and eliminate the phase loss of the power supply.



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