



**安溪永兴机械有限公司**  
**ANXI YONGXING MACHINERY CO., LTD.**

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# Tea Shaping Machine

## Instructions For User

Model: YX-6CZX-70\*75



**Anxi Yongxing Machinery Co., Ltd.**



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## Overview

This machine is suitable for granular shaping machine, which can squeeze all kinds of tea greens (after frying) into a cuboid to make the original

The leaf-shaped tea green shaped granular body replaces the arduous man-packing and kneading operation, which improves the efficiency several times, and the appearance

It is more beautiful and the color is more emerald green, which greatly improves the quality of tea; in a true sense, it achieves high performance and high yield

Quantity, low failure rate, low energy consumption, one-man operation of the whole machine, it is your preferred tea shaping machine.

The products mentioned in this manual can only be used by people who are familiar with machine characteristics and have relevant knowledge of safe operation

Personnel to operate, maintain and repair.

The rules to prevent accidents and other safety regulations and rules must be observed at all times.

Due to unauthorized modification of the products mentioned in this manual, the reliability of the machine is reduced, and the machine

The manufacturer is not responsible for damage or personal injury.

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## Features

1. This machine adopts the relay logic control method and works with the proximity switch. Each cylinder is equipped with a connection

The close switch control has reached that the rear plug of the cylinder and the rear wall of the cylinder will not collide and cause the rear wall of the cylinder to be damaged.

2. The oil pump adopts the ycy14-1B automatic variable plunger pump device, the motor is small, energy-saving, and

Higher strength; the flow of tea in plastic surgery can automatically change with the increase of pressure, when the tea is slightly tight,

The pressure rises slower, making the tea strips curl, the surface and the inside are the same, the whole tea is tight and the tea is faster

Shaped and the color does not change.

3. All working procedures adopt hydraulic drive mode, and manual relay logic automatic control operation can be selected (machine Mechanical version control).

4. The output form can choose different ways such as turning over the bag, manually taking the bag (carrying the bag) and so on.

5. Automate the work process, simplify operation and use, and improve work efficiency and save working time.



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6. The use of solenoid valve and overflow valve and the unique design of large oil block make the hydraulic system more stable.

Use the compressor to dissipate heat, so that the oil temperature will not rise, and protect the oil seal and the oil pump even under long-term heavy load conditions Work, the system will not be overwhelmed.

7. According to different regions and different seasons of tea, the working pressure and setting time can be set arbitrarily, completely up to To the requirements of traditional tea making technology.

8. In case of power failure or power failure during the working of this machine, tea leaves can be quickly removed manually.

### **Chapter I. For the safety of you and others, please pay attention to the following safety precautions**

1. Before purchasing, installing and using the products of this company, the user must read this manual carefully to avoid An error occurred.

2. Conscientiously implement the regulations and requirements for the use and maintenance of this machine. Special training is required for new operators, not Qualified operators are not allowed to operate this machine.

3. Check whether the power cord is in good condition, and the power cord must not be damaged. The power supply used by the product is three-phase four-wire System (black is the neutral wire), voltage 380V, the wire diameter of the installation wiring should be  $\geq 6$  mm, directly from the knife Connect it out (using a 60-amp switch). The wiring should be operated by a professional electrician, pay attention to the rotation of the motor The logo turns to be consistent.

4. Before energizing, you must first connect the electric shock protection device and the grounding wire, and the grounding wire is firm, reliable, and reliable. Keep electricity safe.

5. Before starting the machine, make sure that there is no debris, flexible and reliable, and no abnormal sound in the box to ensure the normal operation of the fan. It is forbidden to place flammable and explosive materials and odorous materials near the machine.

6. Do not wear loose clothes that are easily involved in rotating parts during operation, and those with long hair must wear safety cap. Operators are not allowed to leave the machine when in use, do not touch rotating parts, and do not get tired or drunk

Continue to operate the machine, non-operators are not allowed to use the machine.



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7. When the machine is rotating, it is strictly forbidden to put hands and other appliances into the machine; non-operators and children are not allowed to approach the machine

Device.

8. When using the machine, there should be someone responsible for operation, inspection and maintenance. During inspection and maintenance, be sure to promptly Cut off the power supply: During operation, if there is a power failure, be sure to cut off the power immediately.

9. Do not use in thunderstorm days. The power must be cut off to prevent lightning strikes from damaging electrical components and causing personal injury. accident.

10. Cut off the power (knife) after the work, and clean the tea in the machine after each tea work.

Foam, to prevent the long-term accumulation of tea foam and lead to fire, and to avoid accidents such as fire.

11. Check the machine and the connector of the machine's entry line for scorching. Dedicated line should be used for entry line

Special table. The electrical system should be maintained and maintained frequently. If the wires are damaged or aged, they should be replaced immediately.

12. Except for repairs, do not remove the safety shield at will to avoid injury.



## Chapter II . Product main technology and performance

Serial number	Item	Unit	Parameter value	
1	Dimensions (length X width X height)	mm	2060 X 1670 X 1250	
2	Loading size (length X width X height)	mm	800 X 700 X 370	
3	Cylinder size	Cover cylinder (bore X stroke)	90 X 600	
		Rear cylinder (bore X stroke)	100 X 470	
		Side cylinder (bore diameter X stroke)	140 X 320	
4	Turn-over motor	mm		
5	Work pressure	Mpa	16	
6	Electric motor	Power	kw	5.5
		Rotating speed	r/min	1400
		Operating Voltage	V	380
7	Oil pump	ml/r	19	

## Chapter III. Use and operation, transportation, installation and adjustment

### 1. Use and operation

#### 1.1 Preparation before use:

- a) Check whether the power cord is in good condition, and the power cord must not be damaged. The power supply used by the product is three Phase four-wire system (black is the neutral wire), voltage is 380V, the wire diameter of the installation wiring should be  $\geq 6$  mm,  
Connect directly from the knife (using a 60-amp switch)
- b) Remove the debris and tools left in the box, the gland and the machine;
- c) Be sure to check whether the power supply voltage used is the same as the motor voltage of this product, and connect it properly



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Ground wire and electric shock protector to ensure the safety of people and machines;

d) Carefully check whether the fasteners are reliable.

e) Check the amount of hydraulic oil in the oil tank. If it is insufficient, add oil to the tank.

f) Outside the warning area, carry out an empty test run for 10 minutes, and observe whether the direction of rotation is correct.

If there is jamming and collision, stop and check immediately;

### 1.2 Operation sequence:

During the first plastic surgery, because the moisture content of the tea is still high and the plasticity is large, it is not suitable for heavy pressure operation.

It is prone to flat rope defects.

The control box adopts manual or automatic mode control.

Automatic mode:

a) First use manual debugging, press the back button to make the gland in place, and clean the press box debris. Press first

"Backward—"side forward—"backward—"side retreat"" can be confirmed by pressing the "turn over" button,

Confirm correct. Start to jump to the automatic state before the operation is normal, press the "start" button

Start operation.

b) The maximum setting pressure cannot exceed 15kpa, and the setting time is generally between 10-30 seconds as the standard time between.

Manual mode:

a) Automatic and manual switches are adjusted to manual mode

b) Open the tea press cover, push back, and push the left and right sides to the maximum.

c) After adding the green tea to the full tank, activate the cover button to press the cover tightly.

d) Restart and push the button.

e) Finally, start the left and right push buttons.

f) Pressurization: In the process of compression, it is repeated several times according to the technological requirements until the tea leaves are formed.

The tea staff is in control.

g) The compression time is determined according to the requirements of the tea making process. After compression, the machine stops rotating and the groove is trapped for 3 minutes

Around the clock.

h) Turn on the cover button to open the cover.

i) Push the lever button after starting to exit the lever.

j) Push the buttons on the left and right sides to exit.



k) Disperse the tea.

## **2. Transportation, installation and adjustment**

2.1 During transportation, it is required to be placed in a stable and fixed position without relative sliding to prevent damage to the machine due to impact.

### **2.2 Installation and commissioning**

The plastic machine is easy to install. After the selected position, it should be placed on the workbench steadily and horizontally;

## **Chapter IV. Maintenance**

1. During the period of use of this machine, according to the equipment installation requirements, always check whether the wires are loose or not.

Whether the grounding wire is firmly grounded.

2. Frequently check whether the fastening screws of the main parts and accessories of the machine are loose, and lock them immediately if they are loose.

tight.

3. Regularly check the wear and consumption of the wearing parts, test their working performance, if they are not enough, they should

Repair or replace in time.

4. Clean the main assembly parts and accessories of the machine regularly to maintain its good working performance.

5. After the tea season is over each year, the inside of the box and the outside surface of the machine should be cleaned and cut off before cleaning.

Power supply, wipe and sweep with a soft damp cloth or soft brush, do not clean with irritating or corrosive liquids

Four walls inside the box.

6. When the machine is not in use for a long time, the main power supply should be cut off, and after cleaning, the packaging is intact and stored in

Dry and ventilated indoor.

## **Chapter V. Common faults and troubleshooting**

### **1. Automatic shutdown**

① Check whether the fuse is blown, if it blows, replace the fuse.

② Check whether the external power supply is introduced.

2. There is no pressure in the oil cylinder. Check whether the motor is reversed. If it is reversed, the power phase sequence should be changed.

3. If you hear bumps or other abnormal sounds during exercise, stop and check immediately. After troubleshooting,

It can be turned on.



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### Chapter VI. Single machine set and random accessories

Serial number	Item	Unit	Quantity	Remarks
1	Machine	Set	1	
2	Manual	pcs	1	
3	Quality Certificate	pcs	1	Posted on the machine
4	Warranty certificate	pcs	1	
5	Packing List	pcs	1	

### Chapter VII. Three Guarantees Card

#### Three Guarantees Card

S/N	Content				
1	Product	Name	Trademark	Model	Serial number
2	Supporting power	Brand	Model	Serial number	Production unit
3	Sales unit	Name	Address	Phone	Guarantees proof
4	Maintenance staff	Name	Address	Phone	Three Guarantees Project
5	Sales record	Sales unit	Sales address	Sales date	Invoice number
6	Three guarantees for the whole machine valid period (month)	Twelve months			
7	Warranty period of main parts (months)	Motor			Six
8	Warranty period of main parts (months)				



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### Maintenance records

Repair time	Failure item	Repair situation	Change goods delivery time	exchange and return proof

Three guarantees are not implemented in the following situations

- A. Agricultural machinery) IJ Huyoufa certifies that the agricultural machinery product is within the validity period of the second package;
- B. The product exceeds the validity period of the second pack;
- C. Damage is caused due to failure to use and maintain the instructions correctly;
- D. It is stated in the instruction manual that no modification or disassembly is allowed, and the modification or disassembly by oneself changes the performance of the machine or causes damage;
- E. After the failure occurs, the user of the agricultural machinery does not handle it properly, resulting in the inability to make a technical appraisal of the cause of the failure;
- F. Other man-made damage due to non-product quality reasons;
- G. Damage caused by force majeure;

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