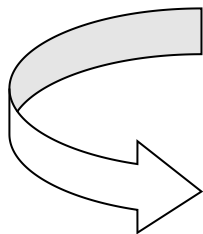

Manual Clamping Gyroscopic Mixer



User Manual

1. PREFACE

This mixer represents the high technology of paint mixing . As a result, it is an technologically advanced and reliable mixer. To fully appreciate and protect your investment, you are suggested to read and fully understand this manual.

The mixers are offered with **a one-year limited warranty**, and a dedicated service organization. The maintenance operations as mentioned in this manual need to be carried out on a regular base.

2. PATENT STATEMENT

The information contained in this manual belongs to our company. This purpose of this manual is to help end users in the use and general maintenance of this equipment.

The content of this manual belongs to YiJiu. This User Manual states the way of use and maintenance of this equipment. It's illegal for any other person or company to reproduce this printing.

3. TECHNICAL SPECIFICATIONS:

Time of mixing: 15"~9' 45"

Size of Mixing can: 1-20L

Load of Mixing can: 1-35KG

Speed of Mixing: 9 r/min-160 r/min

Height of Mixing can: 80-380mm

Power Supply: 220V +/- 10%, 50HZ

Rated Power: 750W

4. TERMS OF WARRANTY

Limited Warranty: We offer a period of one year warranty for each equipment. Within guarantee period, we can help you judge the fault according to the failure phenomenon by E-mail. and send replacement part to you. If the fault has been caused by mis-use or abnormal conditions of operation, repairs will be billed at a normal cost in this case. An estimate will be submitted before repair work is started in case requested.

The user must keep the machine in a proper working condition. Broken parts and accessories must be replaced with original appropriate parts of the machine.

The manufacturer's warranty expires under below conditions:

Twelve months after date of invoicing;

In case of inexpert use;

In case of non-original spare parts are used;

In case of repairing/adaptation of the machine without written approval and/ or by unauthorized personnel;

In case of non-fulfillment of the maintenance, operation or other instructions reflected in this manual.

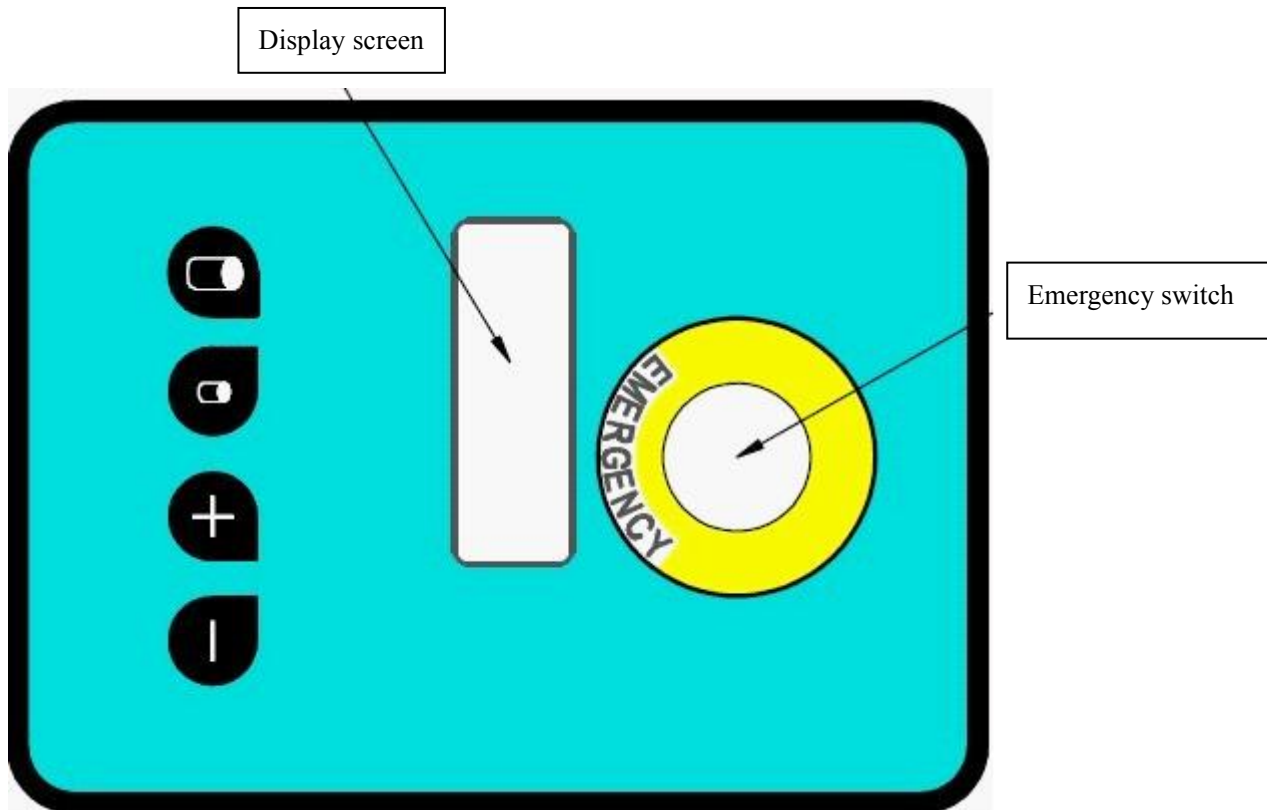
5. BRIEF INTRODUCTION

YJ-2M-01 is a mixer designed to meet the needs of paint of sale paint stores, characterized by thorough mixing, high-speed and easy operation.

6. OPERATION

Machine outlook and its buttons are shown on picture (1).

1.Button Introduction



Setting working mode of the machine/run as per the working time,speed and rotating mode of big can.



Save parameter and exit /run as per the working time,speed and rotating mode of small can/stop mixing.




Increase speed/increase mixing time.



Long press to enter mode setting interface/reduce speed/reduce mixing time.

2.Buttons Handling Guidance

(1)Set mode


A. press  button with your left index,meanwhile,Turn on the power switch at backside of machine (see picture ②)with your right hand ;









①









②

The screen will display "6688" first, then display "H". When the screen displays "H", release your left index, now it enters the mode setting interface. You can set its working mode by pressing  (big can) button.

B. Press  (big can) button, when it displays "H", you can set the mixing speed of the big can by pressing  and , minimum mixing speed is 9r/min, maximum speed is 110r/min.

C. Press  (big can) button, when it displays "L", you can set the mixing speed of the small can by pressing  and , minimum speed is 10r/min, maximum mixing speed is 110r/min.


D. Press  (big can) button, when it displays "D", it means you can set the rotating mode. Press  (big can) button, when it displays "D=2", it means the machine will counterclockwise rotate at the first half of mixing time, then stop 5 seconds, then clockwise rotate at the last half of mixing time. Pressing  (big can) button, when it displays "D=1", it means the machine will always counterclockwise rotate. When it displays "D=1" or "D=2", you can set the mixing time of the corresponding rotating mode by pressing  and  button.







E. Press  (big can) button, when it displays "A", you can check the switch.

In the screen "A_**",






Check the condition of positioning handle, if display "1", it means the positioning handle is under the condition of location, if display nothing, it means the positioning handle isn't under the condition of location.

Check the condition of door, if display "1", it means the door is closed, if display nothing, it means the door is opened.

F. After setting the parameter, press  (small can) button to save the parameter and exit mode setting situation and enter working mode situation.


NOTE: If you turn on the switch without pressing  simultaneously, or within pressing  simultaneously, but it don't display "H", the machine enter working mode. In this case, if you press  (big can) button, the machine will work immediately as per the big can working mode you set before; if you press  (small can) button, the machine will work immediately as per the small can working mode you set before; if you press  or  button, you can set mixing time.

(2) Working mode

A. After setting the parameter, press  (small can) button, you can enter working mode situation. In this case, if you press  (big can) button, the machine will work as per the speed of "H"; if you press  (small can) button the machine will work according to the speed of "L"; if press , the mixing time will increase 15" per time, up to 9'45", then no increase; if press , the mixing time will decrease 15", down to 15", then no reduction.

NOTE: If D=2, and mixing time is shorter than 60", the machine will always counterclockwise rotate, only when mixing time equal to 60" or longer than 60", the machine can counterclockwise rotate, then clockwise rotate.

B. Press emergency switch, the machine will under the condition of no power.

C. Press  button when mixing, the machine will stop working.

D. Error indication when the machine is running: when the machine is running, if it display "E-00", it means fail to communicate with the transducer; if it display "E-01" it means fail to pull the positioning device out; if it display "E-02", it means the door is opened. When error happened, the machine will prompt you with alarm sound, after 2 seconds, it exit the program.

3. Operating procedure

A. Pull up the rolling shutter door (see picture ③). If the rotating mechanism do not vertical, (because the tray is free positioning), please rotate rotating mechanism to be vertical. Then pull the Positioning handle to the position shown in picture ④ and lock the tray.

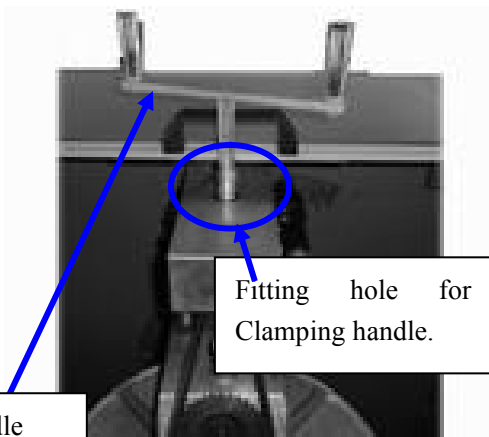


③



④

B. Insert the Clamping handle into the fitting hole above the tray. It means clamping trays when rotated clockwise, while it's loosening trays when counterclockwise. This operation can only be carried out when Positioning handle is pulled to the position on picture ④, which means the tray has self-lock.



Fitting hole for Clamping handle.

Clamping handle

⑤



⑥

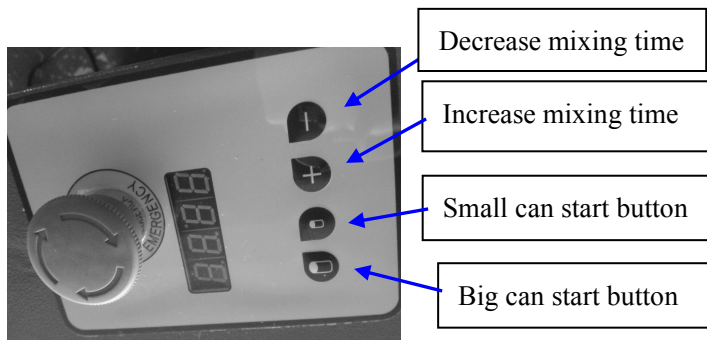
C. Load the paint canister onto the tray, rotate the Clamping handle clockwise to clamp the canister. (**Warning:** (1) bottom groove of canister must fit the groove of bottom tray; (2) the clamping pressure should be proper in order to avoid the slip-off of canister).

D. Take out the Clamping handle.

E. Turn the Positioning handle to where picture ⑥ show, and then loosen it. Please note that the Positioning handle cannot be left at the position of picture ⑦.



⑦



Decrease mixing time

Increase mixing time

Small can start button

Big can start button

⑧

F. Press "+" or "-" button to set the mixing time within maximum 9'45", and minimum 15" (see picture ⑧).

G. Press the big can or small can button (see picture ⑧) to enable machine start mixing. when time is over, machine will stop working.

H. Open the rolling shutter door. (**Warning: the door CANNOT be opened until the machine completely stop working!**). Loosen the trays, pull out the bottom tray and take out the canister. Now the machine finished one mixing task.

7. SAFETY REQUIREMENTS

1. The machine must be safely landing. Otherwise it might be shocked by static electricity.
2. Installation, operation and maintenance must be carried out by professionals.
3. Application voltage: AC 220V-240V. Power capacity must be over 16A (with leakage current being 30mA).
4. Effectively protect the outlook of machine and prevent any potential damage. The machine should be installed at a proper fixed place, and be kept steady.
5. Shut off the power before any maintenance and inspection so as to keep machine from accidental startup.
6. Do not leave any tools or other sundries inside machine after maintenance.
7. Installation environment should comply with local laws (issued by local authority). Keep paint canisters away from the machine to avoid danger. Do not leave any flammable and combustible goods inside the machine. Do not use any object or equipment around the machine that might produce light, or are spontaneously combustible.
8. Ventilation device is suggested to be installed to decrease the danger of fog around machine electronic components.
9. Take out the paint canister after mixing. Remember to turn off power whenever machine is left unused.
10. Set up a warning board "NO BURNING" 5 meters away from the machine. Do not operate the machine under the circumstance of flammable gas.

WARNING:

1. Machine are prohibited to run overloaded for long time.
2. The load inside machine is no more than 35 Kgs.
3. Do not frequently startup machine, with no more than 20 times per hour.
4. Press "EMERGENCY" button when accidental noise is heard during the mixing process. Find out the reason of malfunction and solve it before you run again the machine.
5. The maintenance of the machine should follow the safety requirements and procedures indicated in this manual.
6. Operation should be carried out by professionals. We will not be responsible for any damages any damages caused by operation against the manual or because of no proper protection measures taken during operation.

8. TROUBLESHOOTING

(1) no self-rotation of the machine.

Reason analysis	Solutions
1. synchronous belt breaks	Replace it
2. big toothed gear damaged	Replace it
3. small toothed gear damaged	Replace it

(2) The canister slipped out during rotating.

Reason analysis	Solutions
1. Bottom groove of canister doesn't fit into the groove of bottom tray perfectly.	Adjust the position of bucket to right position
2. Clamping pressure on canister is not enough.	Increase the clamping pressure.
3. self-lock device doesn't work.	Repair it, and lubricate it periodically

(3) The machine can't start rotating

Reason analysis	Solutions
1. Power issue	1. check if there is power, or poor contact between power plug and socket. 2. Check if the fuse works.
2. Positioning device is not opened	Open it
3. problem with the big belt at the backside of machine	The big belt breaks down, gets loose or falls off. If it's loose or falling off, adjust it.
4. problem with electrical components	1. check the wires 2. Replace the circuit board.
5. "E-00"	1.check the setting of transducer. 2.check the wires. 3.replace the circuit board.
6."E-01"	1.pull the positioning equipment out. 2.check the positioning detecting switch. 3.replace the circuit board.
7."E-02"	1.close the door. 2.check the door detecting switch. 3.replace the circuit board.

9. MAINTENANCE AND REPAIR

In order to safeguard the normal operation of machine, prolong its life, and use it up to its most economy value, please make sure you do well the daily maintenance.

1. Do not disassemble machine unless the professions!
2. Clean the machine every time after using machine. Check if all machine parts are reliably connected once upon a week.
3. Lubricate once upon a month the guide rail of rotating parts, center conus gear, and the brake bearing.
4. Immediately solve the problem if any issue happens. Don't let the machine work with problems.

Should you meet any issues of the machine, please call the sales department: 0086-757-22173297, or email us at sales@fsyjiu.com.

10. Addendum

Electrical diagram

Manufacturer: Foshan YiJiu Paint Tinting Equipment Co., Ltd.

Address: BLDG. B2-302, NO. 2, Shizhou Section, Baichen Rd., Chencun Town, Shunde, Guangdong, P.R.China.

Website: www.fsyjiu.com

Tel.: 0086-757-22173297

Fax.: 0086-757-28797747

Email: sales@fsyjiu.com