







**Operation & Safety Manual For  
ST-2R/4R/6R/8R**



## Specification

Model		ST-2R	ST-4R	ST-6R	ST-8R
Number of Racks		2	4	6	8
Tray Size(mm)		400*600	400*600	400*600	400*600
Rack Size(mm)		675*810*1800	675*810*1800	675*810*1800	675*810*1800
Rack Layout					
Dimension (mm)	Width	1215	2190	2190	2190
	Depth	2000	2000	2875	3705
	Height	2290	2290	2290	2290
Weight(kg)		260	350	450	550
Door		Single door	Double door	Double door	Four doors(front and back)
Power		4	4	8	8
Voltage		1 Phase	1 Phase	3 Phase	3 Phase
Outside Panel		Stainless steel plate with 50mm insulation			
Control Mode		Digital control panel			
Remark		Any size of Roll-in proofer can be customized according to requirements			

## Installation

1. Assemble the body of the waking chamber, and seal the joints with sealant to prevent leakage.
  2. Install the steam generator near the wall and on the ground in the proofing room.
  3. The operation control box shall be installed in the outside of proofing room the for easy operation. The temperature and humidity controller is fixed in the lower part at the behind of the proofing chamber.
  4. Connect the incoming water pipe to the customer's pipe with ball valve.
  5. Connect the drain pipes of the machine to the drain. There is a drain on each side of the machine, as long as lead to one of the drain, the other one will be blocked.
  6. Connect the electricity and ask customers to set up a power supply with air switch. It shall be installed more than 1.2m from the ground. Set the power of 3P 20A air circuit breaker with zero line and protect grounding terminal;
    - A. Lead the machine's cables to the operation controlling box from the steam generator. Connect the cables to the terminal of the operation controlling box according to the marks on the cables and the drawings.
    - B. To bring the power cord attached to the operation control to the power supply set by the customer. At the same time, connect the ground line well.
- Installation and test should be completed by the engineer of Sinmag.

## **Operation**

1. Open the water inlet valve.
2. Open the main power switch.
3. Open the power switch on the control panel.(Press “ON/OFF” key)
4. Set the temperature of the proofing chamber: Press the “^” or “v” on the temperature controller. Set the proofing temperature you need (Normally set the temperature to 38℃, can be set according your habit.)
5. Set the humidity of the proofing chamber: Press the “^” or “v” on the humidity controller. Set the proofing humidity you need (Normally set the humidity to 80%, can be set according your habit.)
6. When the temperature of the proofing chamber is lower than the setting temperature, the heating indicator is on and heat in the proofing chamber. When the temperature reach the setting one , the heating indicator is off and stop heating.
7. When the humidity of the proofing chamber is lower than the setting, the humidifying indicator is on and humidify in the proofing chamber. When the humidity reach the setting one , the humidifying indicator is off and stop humidifying.
8. If you want to observe the condition of the proofing, please press on the light button.

## **Maintenance**

1. Turn off the power after using the machine everyday.
2. Clean the outside of the machine with a dry cloth after using; Open the door of the proofing chamber to let the humidity going out; Keep the proofing chamber clean and not moldy

## **Attention**

1. The machine need to connect to the ground when using.
2. Turn on the water inlet switch, don't turn on the machine without water.

## **Guarantee period**

One year from the date of the delivery of the machine. When the guarantee period is over, we will charge the cost of parts, the time and the service fee.

# Electric Diagram

