



USER MANUAL

Spiral Mixer

SM 20T Premia

SM 34T Premia

SM 45T Premia

Spiral Mixer



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Attention

Before use please familiarize yourself in detail with the following instruction. manual.

Copying of the following manual without the consent of the manufacturer is prohibited. Images and

drawings are of illustrative character and may differ from the purchased product.

Attention: This manual should be kept in a safe place accessible for personnel. The manufacturer reserves the right to change the technical characteristics of the product without any notice.

1. Safety Instructions

- Improper operation and misuse may cause serious damage to the unit or injury to persons.
- The device must only be used for the purpose for which it was designed.
- The manufacturer assumes no responsibility for damage caused by improper handling and use of the device.
- During use, protect the device and the power cord plug from contact with water or other liquids. In the event that the device inadvertently falls into water, unplug it immediately and have the device checked by a specialist. Failure to follow these instructions could result in life-threatening injuries.
- Never open the housing of the device yourself.
- Do not insert any objects into the housing of the unit.
- Do not touch the power cord plug with wet hands.
- Regularly check the condition of the plug and the cable. If you detect damage to the plug or cable, have it repaired by a specialized repair facility.
- If the device falls or is otherwise damaged, always have it inspected and possibly repaired at a specialized repair facility before further use.
- Never repair the unit yourself - doing so may endanger your life.
- Protect the power cord from contact with sharp or hot objects and keep it away from open flames. If you want to disconnect the device from a contact, always grasp the plug, never pull on the cable.
- Secure the cable (or extension cord) so that no one mistakenly pulls it out of contact or trips over it.
- Check the functioning of the device during use.
- Do not allow minors or persons without sufficient experience and knowledge to operate the device. The above-mentioned persons may only operate the device under the supervision of a person responsible for safety.
- If the device is not currently in use or is being cleaned, always disconnect it from the power source by pulling the plug.
- Note: If the power cord plug is connected to a contact, the device remains live at all times.
- Turn the appliance off before you pull the plug out of the socket.
- Never pull the unit by the power cord.

2. Health And Safety Rules

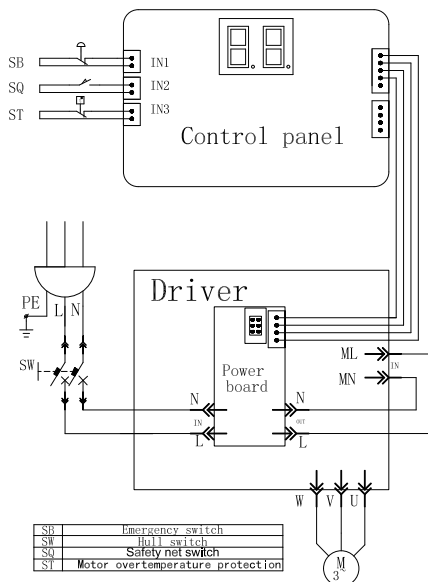
- Do not overload the device.
- Unplug the device before adjusting, cleaning and maintenance. This will reduce the risk of accidental activation or electric shock.
- The device should be protected from children.
- Repair and maintenance of equipment should be carried out by qualified personnel using only original spare parts.
- Do not remove factory-installed covers or tamper with the unit.
- When transporting or moving the device from storage to the place of use, observe health and safety rules.
- Clean the device before and after use.
- Install the equipment away from sources of fire and heat.
- Before starting the device, make sure that all moving parts are properly installed.
- It is forbidden to use the device without the bowl guard in place.
- Do not use hard, deep-frozen products, it may cause overloading and damage to the machine.
- Do not leave the machine unattended during operation.
- Do not move, rearrange, etc. the machine while in operation.
- Do not touch moving parts or accessories unless the machine has been disconnected from the power supply.
- Do not obstruct the ventilation openings of the machine!

2.1. Before First Use

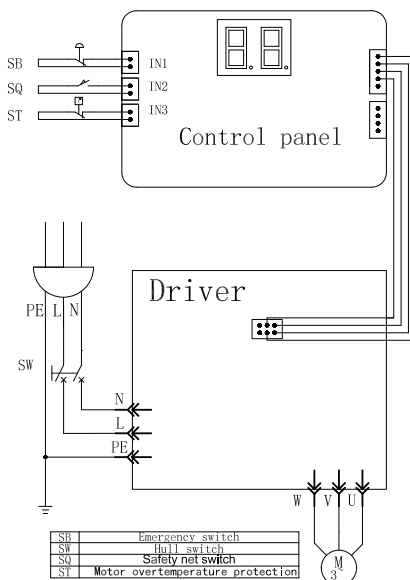
Clean all food-contact parts with warm water and mild detergent and a cloth. Then wipe thoroughly with clean water and dry the parts.

Electric Diagram

HTS20/30/40



HTS50/60



Technical Parameters

TYPE	SM 20T Premia	SM 34T Premia	SM 45T Premia
Transmission	VFD+Belt-driven	VFD+Belt-driven	VFD+Belt-driven
Rated Volt (V)	220	220	220
Frequency(HZ)	50~60	50~60	50~60
Motor Power (W)	900	1100	1300
Bowl Capacity (L)	21	35	47
Max Flour (KG)	8	12.5	20
Max Kneading Capacity (KG)	12	20	30
Speed	Stir+2 speed	Stir+2 speed	Stir+2 speed
Spiral Speed (RPM)	80/125/250	80/125/250	80/125/250
Bowl Speed (RPM)	7.5/11.5/23	7.5/11.5/23	7.5/11.5/23

Suggestion:

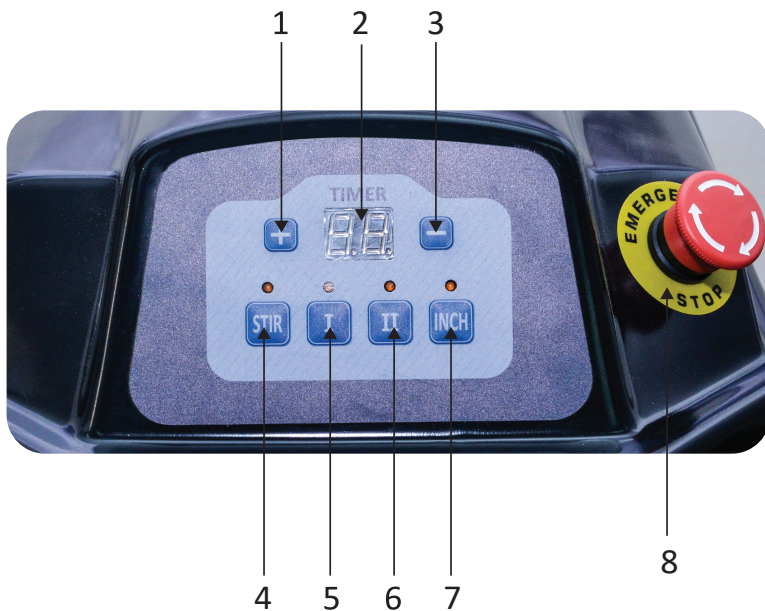
1. The paste occupies the capacity of barrel material 30%-60% suitably.
2. Flour water quantity is 50%-57%.
3. When the material is full, the machine can not work over 20 minutes continually.

Device Description



1	Control Panel
2	Safe Guard
3	Bowl
4	Adjustable Feet
5	Power Button

Control Panel Description



1	Operating Time Increase Button
2	Operating Time Display
3	Operating Time Decrease Button
4	Stir Button (Lowest speed for combining dough and water, avoids flour splashing)
5	First Speed Button
6	Second Speed Button
7	Inching Button
8	Emergency Shutdown Button

Fault Code Instruction

Fault Code	Fault Description	Possible Reason	Failure Countermeasures
E-01	Safety Mesh Switch Disconnected	<ol style="list-style-type: none"> 1. Please check if the safety mesh is properly closed. 2. Check if the connection cable is loose or has poor contact. 	<ol style="list-style-type: none"> 1. Ensure the safety mesh is fully closed. 2. Replace the connection cable.
E-04	Emergency Stop	Check if the emergency stop button has been pressed.	Turn the emergency stop button clockwise to release.
E-08	Motor Overtemperature Alarm	<ol style="list-style-type: none"> 1. The motor temperature has reached the protection limit. 2. Poor contact or loose connection in the wiring. 	<ol style="list-style-type: none"> 1. Stop the machine and allow the motor to cool down naturally. 2. Check and replace any faulty or loose wiring.
E-09	Overload Dough Warning	<ol style="list-style-type: none"> 1. The dough amount exceeds the recommended operating range. 2. The machine detected an improper speed setting. 	<ol style="list-style-type: none"> 1. Press the emergency stop button, then reset it clockwise to clear the alarm warning. 2. Reduce the dough quantity. 3. Use the appropriate speed setting.
E-10	VFD (Variable Frequency Drive) Error	<ol style="list-style-type: none"> 1. The inverter has reached the set protection temperature. 2. Machine overload has triggered the protection mechanism. 3. Input voltage is out of the acceptable range. 	<ol style="list-style-type: none"> 1. Shut off the main power. Then proceed as follows: 2. Wait for the inverter to cool down completely before restoring power and restarting the machine. 3. Ensure the dough load or mixing materials do not exceed the machine's rated capacity. 4. Check that the input voltage is stable and within the specified operating range.

Marketed globally by:

TRUFROST AND BUTLER PRIVATE LIMITED

1215, 12th Floor, Tower B, Emaar Digital Greens, Golf Course Extn. Road, Sector 61,
Gurugram – 122011 (India)

T. +91-7303166766 info@trufrost.com

www.trufrost.com