Spiral Mixer
User Manual

Please read this manual before using.
HS20S | HS30S | HS40S | HS50S | HS60S

1. Technical Data

A. Model	I. HS20S	II. HS30S	III. HS40S	IV. HS50S	V. HS60S
Bowl Capacity (L)	21	35	40	54	64
Voltage	220V-230V, 50Hz | 60Hz				
Power (kW)	1.5	1.5	3	3	3
Max. Quantity (kg)	8	12	16	20	25
Mixing Speed (r/min)	112/198				
Bowl Speed (r/min)	11/20				
Weight (kg)	90	100	155	170	180
Dimension (mm)	730×390×900	750×435×900	840×480×1000	880×520×1000	880×520×1000

2. Installation and Power Connection

① Take apart the package then place the equipment steadily. Spiral mixer usually does not need bed installation.

② Make sure the rated voltage of the equipment. The power wires should be connecting to the power source through a creepage-protector. The yellow/green wire is used for grounding connection. The wiring terminal on the backside of the equipment is equipotential wiring terminal.

3. Operation

① Before use, make sure the input voltage is conforming to the rated voltage of the equipment. The equipment is placed steadily and the grounding connection is safety.

② Check to see if the fixation of the material bowl and the mixer are reliable.

③ Get through the power; test the equipment without anything inside the bowl. Make sure the turn direction is the same as the arrow marked. If not the same, user should exchange the wiring.

④ Pour wheat flour into the bowl, add water, and then put down the “slow speed” button to start mixing. . After a fur minute, put down the “high speed” button to work.

⑤ Before take out the dough from the bowl, please cut off the power first.

4. Maintenance and cleaning

① Please cut off the power source after use. Keep the equipment clean. Don’t use spout to wash the equipment.

② Check and adjust the belt and the tightness of the chain periodically. Add Ca lubricant.

5. Breakdowns and Settlements

B. Phenomenon	**Cause**	VI. Settlement
The mixer doesn’t work	Electricity lose contact	Check the circuit
The shaft tremble	Fixed nut loose	Screw the fixed nut
Temperature of the motor raise The turn speed low down	1. Voltage too low	1. Check the power source
	2. The belt loose	2. Tighten the belt
	3. Overloaded.	3. Don’t overload.
The mixer touches the bowl side.	The mixer or the bowl becomes deformed.	Adjust or replace it.

6. Safety Cautions

① When the equipment is working, prohibit putting hands or other things into the bowl.
② Don't overload.
③ Don't drive the belt or chain by hands in case the hand would be injured.
④ Don't work too long continuously.
⑤ Avoid children approaching the equipment when it is working.
⑥ Have to cut off the power source firstly when repair the machine.