RFLX600 Manual

Preface

Thank you for purchasing the products produced by our factory. The high-quality stainless steel centrifugal oil filter produced by our factory is made of high-quality motor, high-quality stainless steel and high-strength steel. It has the advantages of convenient use, high efficiency, energy saving, low noise and balanced operation. In order to make this product serve you better, please read this manual carefully.

Ⅰ Installation method:

1. Place the oil filter on the plane position;

2. Connect the three terminals VI, U1 and W1 of the motor with a 3 square wire;

3. Use an air switch to connect the motor of the oil filter unit (the knife switch cannot be used)

4. The three wires of the brush type machine are directly connected to the connector of the distribution box, and the wires of the distribution box cannot be moved at will;

Ⅱ How to use

1. Put the freshly squeezed crude oil (temperature not lower than 60℃) into proper amount of warm boiled water or salted boiled

water, and stir well for 2-3 minutes.

2. Start the motor and rotate the machine counterclockwise.

3. Pour the mixed crude oil into the hopper.

4. Turn off the power after 3-5 minutes (box-type automatic shutdown).

5. The machine will automatically drain the oil and filter the oil after 5 minutes after shutting down.

Ⅲ water distribution method

1. Hot pressing (the temperature of rapeseed is about 140 degrees), put about 1.5-1.75 kg of salted water for every 50 kg of oil, that is, about 0.6 kg of salted water for every 50 kg of rapeseed.

2. Cold pressing (the temperature of rapeseed is below 100 degrees), put about 1.5-2 kilograms of salted boiling water for every 100 kilograms of oil, that is, put about 0.5 kilograms of salted boiling water for every 50 kilograms of rapeseed oil.

Ⅳ Fault analysis and troubleshooting

Fault	main reason	Method of exclusion
The machine doesn't stop	1. Too much oil	1. Reduce the amount of oil
Drain oil	2. The machine is not rotating	2. Start the machine
Unclear oil filter	1. The oil-water ratio is wrong	1. Add more water
	2. The oil temperature is not enough	2. Heating above 60℃

	3. The oil and water are not stirred	3. Stir evenly
	4. Box belt is loose	4. Tighten the belt
Machine vibration	1. The fixing screws are loose	1. Tighten the screws
	2. Bearing wear	2. Replace with new bearings: 6206,6214
	3. The oil residue in the oil filter barrel is too hard	3. Add more salt and boiling water to dry the oil residue in the oil drum
Unclear oil filter	1.Too much oil residue in the inner barrel	1. Clean the oil residue
	2. After the slag is discharged, the slag is discharged from the oil discharge port	2. Turn on the machine for 1-2 minutes after cleaning the slag
	3. Too much oil residue in the outer barrel	3. Use an L-shaped iron rod to clean the oil residue in the outer barrel
	4. Too much moisture in crude oil	4. Reduce the amount of salt water

Ⅴ matters needing attention

For the durability of your machine, you must pay attention to:

1.The machine cannot be shaken；

2.The oil residue in the barrel of the oil filter should not be too hard or too thin. Too hard machine shakes, and too thin oil residue is discharged.

3.The bearing of the machine needs to be replaced after it is worn out, otherwise the machine will vibrate and the sound will increase.

4.The nut on the shock absorber of the suspension oil filter cannot be adjusted arbitrarily.

5. The temperature of the oil filter should not be lower than 60°C.

Ⅵ bearing replacement method

A.Replace the bearing of the triangular suspension oil filter (bearing model 6214)

1. Remove the 10mm screw in the center of the inner barrel of the oil filter, the small disc and the rubber ring in the center of the inner hole;

2. Remove the four 4mm screws at the connection between the motor and the oil filter;

3. Put a piece of wood about 28mm into the center hole of the inner barrel, and hammer the wood head down to separate the motor from the filter;

4. Turn the machine over and release the 60mm brake fuse;

5. Loosen the 60mm round nut counterclockwise;

6. Remove the 125mm inner card and punch out the bearing in the 6214 from the inside to the outside;

7. Put the two new 6214 bearings into the bearing housing and place the 125mm snap ring;

8. Put the oil filter inner barrel shaft into the 6214 bearing from the inside to the outside, and make the inner barrel completely in place;

9. Put the brake pad, lock the 60mm round nut and lock the brake insurance;

10. Finally install the motor, put the motor shaft into the center hole of the inner barrel, make the motor and the outer barrel of the oil

filter overlap, tighten the 4 screws, and the bearing replacement is completed.

B、Replace the box-type oil filter bearing (bearing model 6214)

1. Remove the clamp first, and then turn the machine over;

2. Remove the belt and the pulley under the main barrel;

3. Loosen the 60mm brake fuse;

4. Loosen the 60mm round nut counterclockwise;

5. Use a sleeve to cover the shaft of the pulley (the inner hole of the sleeve is more than 36mm) and hammer out the inner barrel from the outside to the inside until the inner and outer barrels are separated;

6. Remove the 125mm inner card;

7. Put the two new 6214 bearings into the bearing housing and place the 125mm snap ring;

8. Put the oil filter inner barrel shaft into the 6214 bearing from the inside to the outside, and make the inner barrel completely in place;

9. Put the brake pad, lock the 60mm round nut and lock the brake insurance;

10. Install the pulley and belt again, tighten the screws of the motor, and complete the bearing replacement.