

I. Overview

RF600 air pressure purification oil filter is a new energy-saving mechanism. The machine uses a compressor, the gas passes through an oil-water separator, and the purified air is cleaned. It uses multi-layer high-density oil filter cloth and uses positive pressure to filter the oil at high pressure. The oil is clear and free of slag, less oily fume and bubbles. The oily residue becomes a dry cake. The machine features: reasonable structure, convenient slag removal, high efficiency, no oil stored in the machine, so it is suitable for individual processing and small oil plants, and it can also filter other oils with solid magazines. It is the first choice for oil mill filter equipment upgrades.

II. Main technical performance

| TYPE PROJECT | RF600-S | RF600-D 型 |
|----------------------|------------|-------------|
| Rated voltage (V) | 380V | 380V |
| Temperature | 70-80°C | 70-80°C |
| Pressure | 0.2-0.4mpa | 0.2-0.4mpa |
| Capacity | 80-100kg/h | 120-200kg/h |

III. Method of operation

1. Put the machine in a horizontal position, otherwise it will affect the use effect. After the power is input 380V, check whether the air compressor is turned correctly, install the filter cloth, close the lid, and turn the groove after the lid is in contact with the mouth of the oil drum. With the type clamp, the cover and the tank body are clamped together, and the positioning pins can be dropped.

2. After the check is correct, pour the crude oil into the refueling barrel and heat it to about 80°C. Open the oil valve or vent valve to allow the preheated crude oil to flow into the filter device, and then close the oil inlet valve or vent valve. Open the intake valve to start filtering oil, and the oil outlet begins to clear oil. When gas is discharged from the oil outlet, it means the filtration is complete. At this time, close the intake valve and open the bleed valve to empty the gas in the barrel, and then open the upper Cover, remove the oil residue on the filter cloth, and complete the oil filtering process.

3. Bucket A and Bucket B can be used at the same time or alternately to reduce labor intensity and improve production efficiency. Oil-water separation can purify the moisture in the air, and the pressure can be adjusted (0.7Mpa is adjusted before

leaving the factory)

4. The filtration efficiency of the essential oil machine has a great relationship with the thickness of the solid impurities in the crude oil. If the impurities are too fine and the relative viscosity is greater, it is easy to block the filter cloth and reduce the efficiency. Therefore, it is recommended that the user is under the oil outlet of the oil press Install a net (slightly larger than the ordinary window screen mesh) so that the crude oil contains coarse impurities, and the impurities can form an oil filter layer during filtration, and the filtration speed is fast.

IV. Maintenance of air compressor

When the air compressor is in normal use, the pressure gauge reading reaches 0.7Mpa, the air compressor will automatically stop running, when the pressure reading is lower than 0.2-0.3Mpa, the air compressor will automatically start to maintain the normal working pressure and the pressure of the air compressor The meter reading has been adjusted at the factory, please do not adjust the pressure by yourself, and the air compressor should change the oil regularly to extend the life.

| Fault | Reason | Method |
|--|--|--|
| Crude oil is not filtered Or too slow | Oil temperature is too low, filter cloth is too wet The oil has too much moisture and the oil residue is too fine | Increase oil temperature (50-80°C) Adjust crude oil residue and dry oil Cleaning the filter cloth, drying or drying the filter cloth |
| Unclear oil filter | The filter cloth is broken | Replace with new filter cloth |

V. User notice

1. If the equipment is damaged due to improper use of the user's human factors (such as input voltage, environment, operation, etc.) that do not meet the requirements, the factory will charge the maintenance fee. The factory has the right to modify and interpret this manual, and the contents of this manual are subject to change without notice.