

CHAENG - Rotary Kiln Supporter Manufacturer Trusted by Customers

As an important part of the rotary kiln equipment, the rotary kiln supporting roller device bears the entire weight of the rotary kiln (including the cylinder, material, tyre, girth gear, etc.), and plays a positioning role on the cylinder in the radial direction. Since the rotary kiln supporting device has the characteristics of large bearing load, poor working environment, continuous operation, time-consuming and labor-intensive maintenance, etc., every detail of the processing of the supporting rollers needs the attention of the supporting roller manufacturers.



1. ZG55, ZG42CrMo material has excellent quality

The supporting roller device consists of a pair of supporting rollers, four pairs of bearings and a large base. The selection of the supporting roller device is very important. The CHAENG support roller for kiln is generally made of ZG55, ZG42CrMo and other materials. The quality is guaranteed and it can also carry a larger load.

2. Rotary kiln supporting roller adopts normalizing and tempering process, hardness is higher than 200HB

The kiln support roller of CHAENG have the characteristics of simple structure and convenient maintenance, and are processed by normalizing and tempering. The hardness is higher than 200HB, which greatly guarantees the quality of rotary kiln supporting roller device.

3. How to maintain the rotary kiln supporting roller?

The running condition of the kiln support roller device directly affects the entire rotation.

Therefore, it is extremely important to check the normal operation of the support roller. So, what should be paid more attention when inspecting the idler?

(1) Whether the quality, quantity and temperature of the lubricating oil of the support roller is normal.

(2) Whether the surface of the roller has fallen off or cracked, and the wear is uneven or too fast.

Check whether the oil supply system of the roller bearing group is normal, because the lubrication of most roller bearing groups is based on the oil spoon with oil, and the oil tank distributes the oil. It is very important whether the lubricant distribution is even, which is very important and effective for preventing the damage of the roller bearing and reducing the occurrence of major accidents.

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