

Improve the fineness of cement grinding machine production and finished products

How to improve the cement mill output and fineness, is an eterna topic. In the grinding process, the cement mill high efficiency and low power operation has been the target of building materials, cement production enterprise. Over the past decade, both at home and abroad cement mill for how to improve the yield and fineness issues related to a large number of applied research, ball mill, vertical mill, roller press and other new grinding equipment, prompting the process greatly accelerated. At present, from the point of China's national conditions, the main cement production is still small and medium-sized, cement grinding equipment is a simple structure, convenient operation of the cement mill led, and in a short time in order to get fundamental change is not realistic. Therefore, improving the efficiency of cement grinding mill, most significantly to achieve high fine, high-yield and low-power operation, has very important practical significance.

CHAENG (The Great Wall machinery) specialized in the production of cement mill, relying on advanced technology and excellent quality, won the trust of many customers. Many customers said that quality, the same outstanding service perfection is the main reason for selecting the CHAENG. With the implementation of the new standard cement, cement grinding contradictions become more prominent. Cement is a new standard for rotary kiln cement factory how to improve the cement strength grade is very important. CHAENG mechanical vertical kiln cement plant can be considered plus home from the mill before crushing machine, grinding system improvements, plus home and efficient classifier these three aspects, to overcome the technical problems. In the cement mill plus home before crushing machine, improve material into the grinding fineness.



1. The crushing machine in front of cement mill, improve the fineness of grinding material. Cement mill production and the actual size of the mill has a great relationship, according to the statistics show that, under certain conditions, to reduce the particle size of materials into the mill, cement mill can greatly improve yields. Before adding cement mill crushing machine, can make the material control in the following 3 mm, but the transformation of large investment costs of this program, this part of the investment, including equipment investment, such as the transformation of the system processes. However, this program is very effective, such as with the adjustment of cement mill, the mill's production can increase by more than 50%.

2. Improve the grinding system, and improve the grinding efficiency. CHAENG cement mill continuous operation performance is good, has won the national utility model patents, and the production of cement specific surface area of 3300-3800 cm²/g, compared with the peer products, with high product fineness, large specific surface area, the hydration reaction is fast, fast strength development advantage. CHAENG cement mill not only guaranteed quality, and truly high-yield, high-thin, low-power objective is to produce high quality cement quality equipment.

3. Set plus efficient classifier. Efficient classifier to join, the most intuitive effect is to increase the efficiency of the election powder. Selected to enhance the efficiency of powder, the most direct benefit is the finished product fine powder have been elected in a timely manner, maximum reduce cement products back to powder ratio, reduce the load of cement mill, increase the output of cement mill and the fineness degree of the finished product.



CHAENG that the relationship of the three can use this word to show: grinding finely is the premise, choose powder is to ensure that after grinding, grinding inside reform is fundamental. CHAENG of the above three methods, any of which can significantly improve the yield and fineness of cement mill. Of course, if conditions



allow, the above three methods can be used, the effect is the most ideal, it is also the trend of the grinding system design at home and abroad in recent years.

