

## The usage of GCC and Raymond grinding mill



1. Calcium carbonate is one of the most commonly and widely used non-metallic minerals in the world. It is widely used in fields of paper making, plastics, rubbers, agriculture, foods, medicines, paintings, health care, and building materials. At present, the output of calcium carbonate in the world is more than 120 million ton. After years of rapid development, China has become one of major producers and consumers of calcium carbonate in the world, with an annual production and sales accounting for more than 30% of the total.

2. Raymond grinding mills made by Hongcheng can be used to process GCC because this kind of grinding mill with more stable performance, smoother operation and higher processing efficiency. It is a grinding mill for preparing excellent finished product. Consisting of a main unit, a forced turbine classifier, a pipeline device, a high pressure blower, a cyclone separator for the finished product, an electromagnetic vibrating feeder, a motor controlled by electricity, jaw crusher, bucket elevator, etc, this device works better due to more reliable operation, more stable performance and finished product with higher quality.

**3. New Raymond grinding mill manufactured by Guilin Hongcheng -HC pendulum grinding mill**

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**Maximum feeding size:** 30mm

**Diameter of grinding ring :** 1000-1700mm

**Machine power:** 555-1732KW

**Capacity:** 3-90t/h

**Finished product fineness:** 0.038-0.18mm

**Application range:**

Based on the R-series grinding mills, this grinding mill with technological innovation covers many technological patents. It is widely used in various areas of production and living, such as electric power, metallurgy, cement, chemical industry, building materials, paintings, paper making, rubbers, and medicines, foods, etc.

**Performance advantages:**

As a replacement device for the grinding mill traditionally used, this grinding mill is an economical and practical milling mill because of wide application, simple operation, easy maintenance, stable performance, and high price-performance ratio. As for the output, it is 30%-40% higher than the traditional Raymond grinding mill's.

**Applicable materials:**

Featuring in high-yield and high-efficiency, it has a good effect on grinding non-metallic minerals with Mohs hardness below 7 and moisture below 6%, such as talc, calcite, calcium carbonate, dolomite, potash feldspar, bentonite, kaolin, graphite, carbon, fluorite, brucite, etc.