



Roller cover is an important part of coal mill. It is assembled with bearing block and grinder mill through the support of roller

shaft and set on the outside of the door frame, equal to chassis. Turn up the roller cover when overhaul the grinder mill. The grinder mill manufactured by Great Wall Steel Casting adopts SCW480 material, which can guarantee the strength and toughness of roller cover. Japan's famous manufacturer of coal mill introduces the roller cover of coal mill manufactured by Great Wall Steel Casting in the process of coal mill manufacturing, use performance of which is good.

## Product advantages

### 1.Usage of computer technology

With the casting method of InteCAST and assumption of “instant filling, initial temperature uniformity”, analyze the numerical value and simulate



the process of gradual solidification to design and optimize the process to achieve the purpose that prevent casting defects such as shrinkage porosity, shrinkage cavity and crack and meet inspection requirements.

## 2.Strict chemical composition and smelting control

Great Wall Steel Casting has a batch of professional technical engineers to make the mathematical statistics analysis. The study finds that each element has an influence on the solidification contraction, crack formation and service life of roller cover of coal roller mill. Thus, elementary composition of roller cover of coal mill shall be strictly controlled in the process of smelting to ensure the purity of molten steel.

## 3Experienced casting team

Casting team of Great Wall Steel Casting constantly summarizes the experience and improve the technology during ten years of casting practice. Nowadays, a set of complete and effective principle formed in the process of casting, namely: insist the principle of low temperature and fast pouring, ensure the gradual increasing speed and solidification shrinkage requirement and improve the casting quality.



### Customer case

After years of effort and development, steel castings manufactured by Great Wall Steel Casting have been sold to Henan, Hebei, Liaoning, Dalian, etc. In recent years, with excellent casting technology and high quality products, Great Wall Steel Casting attracts overseas people from Japan, South Korea and other countries to visit and inspect. Japan coal mill manufacturing enterprises designate Great Wall Steel Casting to provide all kinds of important parts for them, such as roller cover, bearing block, the support of roller shaft, shattered body frame, etc.

## **CHAENG(Great Wall Casting Co.,Ltd)**

### **Custom 150-1 t Steel Castings according to Your Drawing**

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