

Process introduction

The kiln tyre is one of the main parts of rotary kiln equipment. The function of the Tyre is to transfer all the weight of the cylinder body to the supporting roller, and make the cylinder rotate smoothly on the roller, so the Tyre should be powerful and durable enough. CHAENG can produce all kinds of kiln tyre according to the drawings and sizes provided by customers.

According to the customer's requirement, CHAENG choose the appropriate wooden model for design, and make the CAE casting simulation before real casting. All the casting is making in strict accordance with the process of "wooden model—sand moulding—smelting & casting pouring—heat preservation—cleaning—heat treatment—rough finishing & fine finishing—package & delivery", for the high quality tyre casting.



Product Advantages

1. High tensile strength and good durability

The Tyre of rotary kilns produced by the CHAENG are made of ZG45 and ZG42CrMo, which can guarantee its strength and toughness, the function of support can be well performed.

2. It adopts advanced dual medium quenching process in the casting process, which has high adaptability.

The kiln Tyre produced by CHAENG adopts the advanced double medium quenching process, which makes it with features of even casting, high quenching hardness and toughness. This makes the Kiln Tyre has good wear resistance and can be adapt to all kinds of bad working environment.

3. The structure is simple for daily maintenance.

Projects

The Kiln Tyre, manufactured by CHAENG, has been ordered many times by famous overseas enterprises from Italy, Turkey, Chicago, etc.



Kiln Tyre ready to deliver to Tajikistan

Service & Support

1. It has its own large casting foundry, which is very few in the same industry



CHAENG has its own large casting base, and employs the top talents of casting technology to serve as the senior manager and its technical team. Now, CHAENG casting base already has the comprehensive ability to provide users a series services from semi-finished products casting to finished products and a complete solution to the key assembly parts.

2. GB Level 2 inspection standard to ensure the spare parts are qualified

The particular process solution can be made according to the different needs of customers. and each casting section will be strictly controlled. To make sure every product is 360 ° Nondestructive Flaw Test before delivery and no defective products leave from the factory.

The advanced technology and meticulous casting process ensure the quality of the castings, thereby makes the first maintenance time of the main spare parts 2-3 months later than that of the others.

About CHAENG

Founded in 1958 and located in Xinxiang, Henan province, CHAENG has 60-year experience in equipment manufacturing with an area of 330,000 m² and 1 billion RMB of annual production value. The company is specialized in manufacturing all kinds of ball mills, rotary kilns, vertical mills, large steel castings. And we can undertake the EPC projects of cement production line, quick lime production line, blast furnace slag/ steel slag/ nickel slag grinding plants. Its products are sold to more than 50 countries and regions in Southeast Asia, Central Asia, South Asia, North America, South America and Europe.

Our long-term strategic partners: Arcelor Mittal, Tata Group, Pohang Iron and Steel Company, Germany CCE, Japan Chiba, Shanghai Baosteel, Voestalpine and ASGT, etc.

The logo for CHAENG features the word "CHAENG" in a bold, sans-serif font. The letter "A" is stylized with a red triangle pointing upwards. Below the word "CHAENG" is a red horizontal line, and underneath that line, the text "GREAT-WALL MACHINERY CORPORATION" is written in a smaller, all-caps, sans-serif font, following the curve of the line.

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