

Kiln Support Roller Material

The kiln support roller carries the weight of the entire rotating part, guides the direction of kiln cylinder, and makes the rotary kiln cylinder and rolling ring rotate smoothly.

CHAENG adopts ZG55 and ZG42CrMo as kiln support roller material, which has high strength, high hardness, good wear resistance and anti-corrosion, to realize the large load carrying capacity and good continuous operation performance under the working environment of high-intensity, high-temperature, and heavy-duty.

The process of CHAENG kiln support roller:

The first step: Simulation and modeling

Before casting, numerically simulate the casting process by CAE software to analyze the molding process, predict and optimize the product quality.

The second step: pouring and heat treatment

Sample the hot metal and perform spectral analysis. After qualification, start pouring according to the principle of "low temperature and quick casting", and the pouring time and temperature shall be recorded.

The third step: polishing and flaw detection

CHAENG uses advanced detection equipment for non-destructive testing to ensure the internal quality of supporting roller, strictly stop any defective goods from leaving the factory. CHAENG steel castings can meet level-two flaw detection standards.



Case of CHAENG kiln support roller

CHAENG kiln support rollers are used in many cement production lines in China, for example: 5000TPD cement rotary kiln of Henan Meng Electric Cement Factory.



Welcome to consult us for kiln support roller, CHAENG can manufacture kiln support roller according to your drawings and demands!

CHAENG - Xinxiang Great Wall Steel Casting Co., Ltd

Office Add: Mengzhuang Town, Huixian City, Henan Province, China

Postcode: 453600

Mail: casting@chaeng.co

Skype: greatwall1958

Tel: 86-371-55019878

Fax: 86-371-55019608