

## Process introduction of CHAENG cast steel tyre for rotary kiln

The tyre supports all the gravity of the rotary kiln (including kiln bricks and materials) with heavy load and large torque. Therefore, the tyre for rotary kiln must have sufficient strength and durability.



### Process advantages of CHAENG cast steel tyre for rotary kiln:

1. High strength, good durability

CHAENG uses ZG45 and ZG42CrMO material, which can guarantee the strength and toughness of rotary kiln tyre, so as to play a better supporting role.

2. Use advanced dual-medium quenching process

CHAENG adopts advanced two-medium quenching process to process uniformly every part of rotary kiln tyre, so that CHANEG rotary kiln tyre has high hardness and high toughness and good wear resistance, can adapt to a variety of harsh working environment.

3. CHAENG rotary kiln tyre has simple structure which is easy for routine maintenance.

4. CHAENG can produce a variety of rotary kiln tyre according to the customer's drawings.

The optimized technology and excellent quality can ensure that rotary kiln produced by CHAENG matches well with the original rotary kiln equipment.

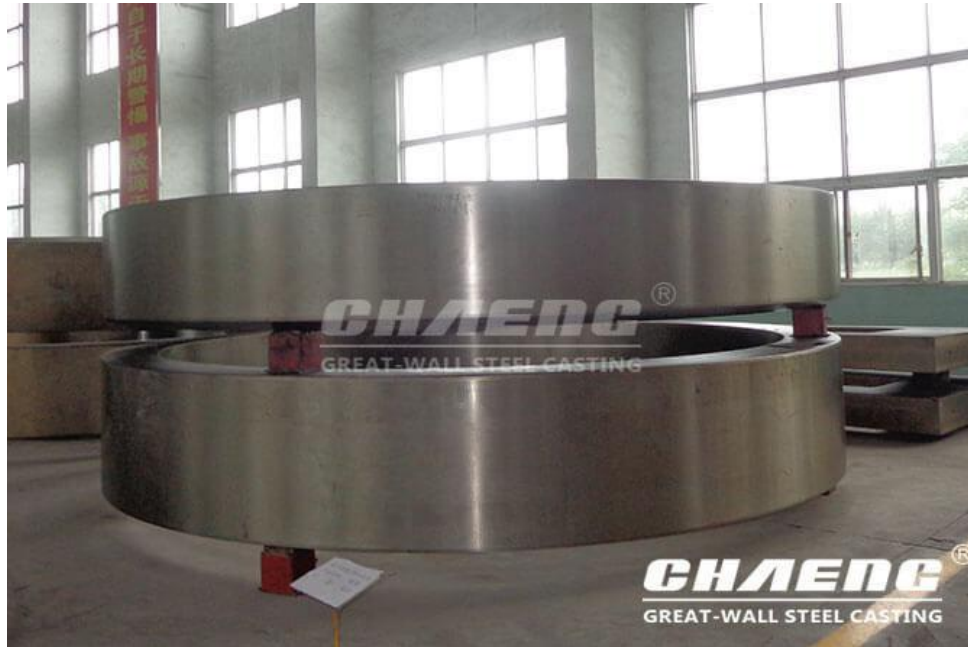
### Process Procedures



### Customer cases

In 2014, a Guangxi building material company purchased  $\phi 4.0 \times 60\text{m}$  rotary kiln and  $\phi 2.4 \times 4.75\text{m}$  coal mill from Great Wall Machinery, the matched kiln tyres were manufactured by us.

The key parts of the tyre made by us can reach the UT level II flaw detection, which greatly improves the quality of the rotary kiln tyre. This also made Guangxi customers speak highly of CHAENG.



At present, the rotary kiln tyre produced by CHAENG have been purchased and used by many well-known overseas companies such as from Italy, Turkey and Chicago.

CHAENG can process and produce various types and dimensions of tyres for rotary kiln according to the drawings. Welcome customers to visit and consult!

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

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