

Manufacturing process advantages of CHAENG ball mill girth gears

CHAENG (Great Wall Casting) selects a suitable wooden mold for modeling design according to customer requirements and simulates the pouring process through software Huazhu CAE. CHAENG manufactures high-quality ball mill girth gear strictly in accordance with the following process:

1. Wooden pattern Production
2. Molding
3. Pouring
4. First cleaning
5. Heat treatment – grinding (inspection)
6. Rough machining (inspection)-finishing machining (inspection)
7. Packing-delivering



Processing advantage

1. Unique heat treatment technology improves wear resistance.

CHAENG has a wealth of experience in the production of large spare parts for rotary kilns and ball mills. The unique heat treatment technology is used during the casting process of girth gears, which optimizes the structure of the gear ring, improves the hardness, and greatly improves the wear resistance and impact resistance.

2. High-strength steel guarantees service life

CHAENG uses high-quality, high-strength steel for girth gear casting.

Optimize girth gear based on the operation characteristics of the rotary kiln and ball mill, to ensure the stability of the girth gear during the long time operation and extend its service life.

3. Short delivery cycle

CHAENG has a large casting base in northern Henan and strong steel casting production capabilities. It can manufacture girth gear and other parts in large quantities according to the drawings provided by customers. The casting cycle is short, the output is large, and the quality is guaranteed.

The girth gear produced by CHAENG is used in Xinjiang Tianshan Cement, Henan Meng Electric Cement, and other well-known cement companies at home and abroad, providing a reliable guarantee for the normal operation of rotary kilns, and ball mills.



[Xinxiang Great Wall Casting Co., Ltd \(CHAENG\)](#)

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

www.partscasting.com

Email: casting@chaeng.co

WhatsApp/Wechat: +8618737831240

Tel.: 86-371-55019878

skype: GreatWall1958