

The manufacturer of large casting girth gear - CHAENG

The girth gear is the main component of the rotary kiln, dryer and ball mill. The girth gear needs to drive the rotation of the entire cylinder of the equipment, and it runs for a long time, which requires higher quality and performance of the large girth gear.



Casting Girth Gear

How to improve the quality and performance of the large ring gear is what the casting girth gear manufacturer needs to pay special attention to.

CHAENG can use the sand molding process to cast the large girth gear, and using the reusable wooden mold to produce the girth gears can reduce the casting cost.

For quality assurance, CHAENG has complete equipment and strong technical support.



1. The CAE simulation pouring software is used to assist the design process, and the high-precision analyzer is used to analyze the chemical composition of the casting, so as to better control the quality of the girth gear blank and prolong the service life.
2. Heat treatment technology can improve the structure and hardness of the large girth gear, and enhance the wear resistance and impact resistance of the large ring gear.
3. Follow the international second-level UT and MT flaw detection standards to ensure the quality of castings.

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