

AG mill and SAG mill girth gear manufacturer

The autogenous grinding (AG) mill and the semi-autogenous grinding (SAG) mill are grinding machines that combine the functions of crushing and grinding, and are mainly used in the mineral processing industry. CHAENG (Xinxiang Great Wall Steel Casting) has rich experience in customizing large girth gears for grinding mill, which can provide high-quality large girth gear for gear-driven autogenous grinding mill.



In the field of large girth gear processing, CHAENG has always insisted on making every effort to make products that customers are satisfied with. In order to achieve this goal, CHAENG has conducted on-site visits to various factories of customers to explore the needs of customers and the environment in which gears are used. The maintenance and the technology of the girth gears were also discussed, and the application structure and characteristics of the girth gears were thoroughly and thoroughly understood.

After years of experience in large girth gear processing, CHAENG has formed a scientific and mature girth gear manufacturing process:

1. CHAENG selects the appropriate wood mold for modeling design according to customer requirements, and adopts software InteCast to simulate pouring process.
2. Strictly according to the process procedures to produce high-quality girth gear: wood mold - modelling - pouring - heat preservation - out of the pit, sand cleaning - heat treatment - roughing, finishing - packing and delivery.



Advantages of the mill girth gear manufactured by CHAENG:

1. Unique heat treatment technology to improve wear resistance

The unique heat treatment technology is adopted during the casting process, which optimizes the structure of the large ring gear, improves the hardness, and greatly enhances the wear resistance and impact resistance of the girth gear.

2. High strength steel to guarantee service life

Use high-strength steel to produce large girth gear casting, and optimize the girth gear according to the transmission characteristics of the equipment to ensure the stability of the girth gear under long-term operation.

3. Strict quality inspection system to ensure the quality

Strictly follow the national 2 level flaw detection standard and implement the 360° non-destructive testing system to ensure the quality of the cast steel parts is reliable and the use time is long. CHAENG is praised by customers as “cost-effective steel casting manufacturer”.

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