

Process Description

The grinding table consists of housing, liner, pressure block, retention ring, scraper plate, wind ring, wind guide board and so on. The primary function of the grinding table is to support the material bed and transfer the force of the grinding roller to the lower speed reducer. It also transmits the torque of the reducer to the grinding area. The grinding table forms a circular chamber with the wind tunnel, and the wind flows from this circular chamber to the grinding area through the ventilation ring.

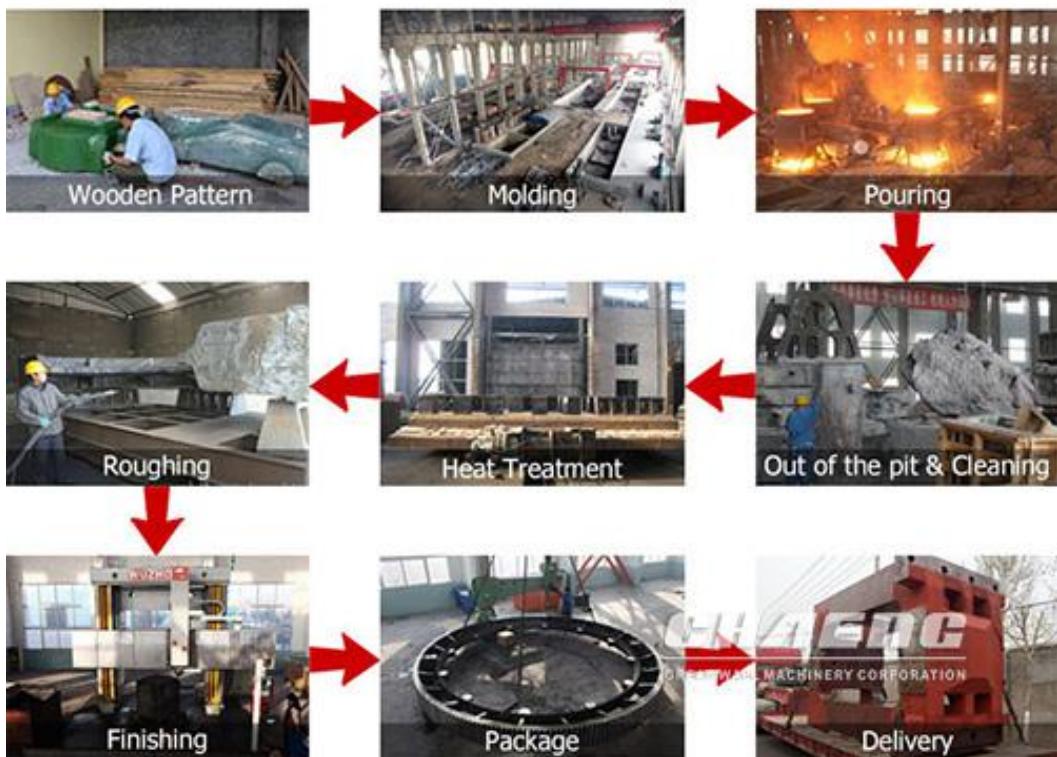
CHAENG is able to make all kinds of grinding tables for vertical mill according to the drawings and sizes provided by the customers. Welcome to visit and consult!



Production Process

According to customer requirements, CHAENG select the appropriate wooden mold for modeling design, use CAE simulation casting before actual casting, in strict accordance with the technological process of wooden mold – modeling – smelting pouring – heat preservation – sand cleaning and out of the pit – heat treatment – rough machining and fine machining – packaging and delivery, cast supporting roller with high quality.

Cast Steel Manufacturing Processes



Features

1. Optimizing and matching based on the casting technology, adopting the most advanced water glass sand molding process, overcoming the deficiency of previous structure to make the grinding table uniform stress, increasing the nip angle between grinding table and grinding roller to avoid brush erosion of the wear-resisting surface ;
2. Advanced machining equipment to ensure high surface finish of vertical grinding table;
3. Perform non-destructive inspection of the force surface before leaving the factory, which can ensure the internal and external quality of the grinding table is qualified in industry standard

Customer Cases

With the development over the years, the products of CHAENG has been sold well in various provinces and cities in China, and exported to many countries and regions such as Europe, America and Germany.



Photo: The grinding table of CHAENG to be delivered to Uzbekistan



Photo: The grinding table of CHAENG to be delivered to Indonesia

Service

1. Large casting bases ensures the parts purchase of customers

Great Wall machinery has its own large casting bases, and employs top talents in the industry to be the senior management personnel and technical backbone in the casting process. Now, Great Wall machinery casting base already has the comprehensive ability to provide users a series services from casting to finished products and a complete solution to the key parts.

2. Secondary inspection to ensure the long use time of spare parts

Great Wall machinery make a particular process plan according to the different needs of customers, and strictly monitor each casting link to make sure every product is 360 ° nondestructive flaw detected before delivery , and eliminate all defective products from the factory . The advanced technology and meticulous casting process ensure the quality of the castings, thereby makes the first maintenance time of the main spare parts 2-3 months later than that of the others.

About CHAENG

Founded in 1958 and located in Xinxiang, Henan province, CHAENG has 60-year experience in equipment manufacturing with an area of 330,000 m² and 1 billion RMB of annual production value. The company is specialized in manufacturing ball mills, rotary kilns, vertical mills, large steel casting and can undertake the EPC projects of cement production lines, active lime production lines, blast furnace slag/ steel slag/ nickel slag grinding plants. Its products are sold to more than 50 countries and regions in Southeast Asia, Central Asia, South Asia, North America, South America and Europe

Our long-term strategic partners: Arcelor Mittal, Tata Group, Pohang Iron and Steel Company, Germany CCE, Japan Chiba , Shanghai Baosteel , Voestalpine and Aosen steel.

