

# Grinding table for vertical mill

## Introduction

The grinding table is mainly composed of table body, lining plate, press block, retaining ring, scraper plate, air ring, and wind deflector, etc.. The main function of the grinding table is to support the material bed and transfer the force from the grinding roller to the reducer at the lower part. It also transfers the torque of the reducer to the grinding area. The grinding table together with the air duct forms an annular chamber, and wind flows out of the chamber to enter the grinding room through the air ring.

**Weight** 20-132T

**Material** Carbon steel, silicon manganese steel

**Application** Cement, building materials, chemicals, coal, power, metallurgy, non-metallic minerals and other industries

**Customizable**Yes



## Processing advantages

1. Optimize the casting technology of grinding table and adopt the most advanced water glass sand modeling process to overcome the shortcomings

of the previous structure, so that the grinding table base bears stress evenly;  
Increase the nip angle between grinding table and grinding rollers to avoid the erosion of the non wearing surface of grinding table;

2. Advanced machining equipment to ensure high surface finish of grinding table;

3. Nondestructive inspection of the stress surface before leaving the factory can ensure that the internal and external quality of the grinding table conforms to the industry standards;

4. CHAENG has the largest steel casting base in the northern area of Henan Province, so it can not only provide a single grinding table manufacture service, but also provide solutions of large steel casting product for you!

## Process

Base on the requirements of customers, CHAENG selects appropriate wooden mold for modeling design, and uses CAE software to simulate the casting process. Strictly according to the process procedures to produce high-quality grinding table:



## Case

After years of development, CHAENG grinding tables for vertical roller mill have been sold to many provinces and cities in China, and exported to Europe, the United States, Japan and other countries and regions.

CHAENG grinding table was applied to the GRMK46.41 vertical cement mill of Henan Yuhui Yellow River Building Materials Co., Ltd. , currently running smoothly and highly praised by users.



The grinding table of a cement plant in Hebei needs to be replaced because of its long running and serious wear. After careful comparison, the company selected CHAENG to supply grinding table for their 600,000T/A vertical cement mill, ultimately CHAENG impressed the customer with high-quality products and perfect service, the customer said: We will also choose CHAENG in the future when we need the grinding table!

## Chaeng Service

### 1. Cost-effective

CHAENG has the top-ranking casting equipment, strictly follows the national lever-2 detection standards, and executes 360° all-round nondestructive testing system, to ensure the reliable quality and long service life of steel castings. CHAENG is hailed as "the most cost-effective steel castings manufacturer".

## **2. Fast delivery**

CHAENG has strong technical teams, detailed production scheduling, wide range of raw materials purchase channels, and perfect logistics delivery system, making efforts to achieve the shortest delivery period in china.

## **3. "Three-heart" service**

The 24h fast response and the customer services in all 365 days rest your heart when you make choice, ease your heart when you use the products, satisfy your heart when you enjoy the services.

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