

## BALL MILL TRUNNION

The ball mill trunnion is a key part to support and connect the cylinder, and is also the inlet and outlet channel of the material. CHAENG adopts high-strength steel and unique heat treatment technology, which makes ball mill trunnion have high hardness and strong impact resistance.



### Specification

Weight: 1-30 Tons

Material: Cast steel ZG230-450

Application: Cement, metallurgy, building materials and other industries

Customizable: Yes, as customer's drawings

### Our advantages:

1. Unique heat treatment process to enhance the hardness and the impact resistance of ball mill trunnion.
2. Casting process simulation technology to improve the casting process.
3. We strictly control the quality and ensure there are no casting defects such as gas holes and sand holes in the trunnion journal.
4. Shot blasting equipment is used to improve the surface quality of ball mill trunnion.
5. Complete quality inspection methods: chemical composition, mechanical property, dimensional check, ultrasonic testing (UT), magnetic particle testing (MT), penetrant test (PT), and X-ray inspection.
6. Scientific production and operation management system to ensure the delivery time.

### Our process:



1. Simulation analysis through CAE software
2. Wooden pattern Production
3. Sand mould
4. Smelting
5. Molten Steel Test
6. Pouring
7. Sand cleaning
8. Heat treatment
9. Finishing
10. Machining
11. Non-destructive testing
12. Packing & delivery

Customer cases:

Xinxiang Great Wall Machinery's ball mills are sold to many areas and countries, and the ball mill trunnions are all independently manufactured by us.



Panamanian customers purchased a batch of ball mill trunnions from CHAENG in 2019



## Contact Us

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