

## Vertical mill rocker arm manufacture experience of CHAENG

The rocker arm is one of the core components of the vertical roller mill. Each set of rocker arms includes the upper rocker arm, the lower rocker arm, the center shaft, the bearing seat and bearing, and is mounted in a bearing housing on the vertical mill bracket. The upper rocker arm is used to install the grinding roller, the lower rocker arm is connected to the hydraulic system, and the two are connected integrally through the shaft, the taper sleeve and the taper pin.

CHAENG can rationally optimize the casting technology according to the drawings and the individual needs of customers, and produce various types of vertical mill rocker arms.



The upper rocker arms made by CHAENG



The lower rocker arms made by CHAENG

## Customer case

The rocker arms produced by CHAENG are applied to the GRMS40.21 slag vertical mill with an annual output of 450,000 tons.



The rocker arms produced by CHAENG are used in the GRMS46.41 slag vertical mill with an annual output of 600,000 tons.



### Advantages of CHAENG vertical mill rocker arm:

1. The vertical mill rocker arm produced by CHAENG has good wear resistance and is not easy to break;
2. CHAENG adopts arc gouging and shot blasting for the finishing of steel castings, which ensures the appearance quality of rocker arm;
3. CHAENG has a large steel casting factory, which can produce steel castings with unit weight of 150 tons mostly, and the matching casting process can be designed according to the structure and technical standards of steel castings;

4. CHAENG has advanced flaw detection equipment, which can ensure the precise control of the internal quality of the vertical mill rocker arm and prevent any defective products from leaving the factory;
5. CHAENG has strong production strength to ensure short production period. The production cycle of the cast steel blank is between 25-45 days, depending on the casting process and product technical requirements.

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