

Grinding Table

Weight : 20-132 t

Material : ASTM: A570 / BS: S235JR

Applicable device: vertical mills, mineral slag vertical mills, cement vertical mills, steel slag vertical mills, nickel slag mills, raw material vertical mills and coal vertical mills.

Application: Cement, building material, chemical, coal, electricity, metallurgy, non metallic mine and others

Customizable: Yes



一、Introduction

Grinding table is one of key parts of vertical roller mill. It includes drag rings, lining plate and base. The optimization and improvement are made basing on traditional grinding table casting technology, that the most advanced sodium silicate-bonded sand molding technology, to overcome deficiencies in structure and make the grinding base bear force equivalently. All these measures avoid material's washout problem on no-wear-resisting surface.

二、Advantages of Grinding Table:

1. High hardness, anti-cracking, wear resistant, fine workmanship
2. Arc air gouging and shot blasting are used to casting steels' finishing, to make sure good appearance quality.



3. NDE inspections are applied on stress surface before delivery, to ensure products are good in stress capability and stable in operation.

四、 Kiln support roller Quality assurance:

The fabrication route is governed by the provisions of the implemented Quality System ISO 2000 :9001. The standard documentation ensures the full traceability of every process step:

- Manufacturer test certificates according to DIN EN 3.1 § 10.204 including chemical composition, mechanical properties and non-destructive examination;
- Dimensional check supported with a “as-built“ sketch;
- Record of the heat treatment chart;

五、 Grinding Table Manufacturing Process:

1. Wooden pattern Production
2. Molding
3. Pouring
4. First cleaning
5. Heat treatment – grinding (inspection)
6. Rough machining (inspection)-finishing machining (inspection)
7. Packing-delivering



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