

KILN SUPPORT ROLLER

The rotary kiln support roller assembly is an important component to carry all the weight of the kiln body, refractories, and materials. CHAENG has rich experience in casting parts for rotary kilns and grinding mills, can provide high-quality support rollers for rotary kilns, rotary dryers, and so on according to customer's drawings and personalized requirements.



Specification

Weight: 1-42 Tons

Material: Steel ZG55, ZG42CrMo, etc.

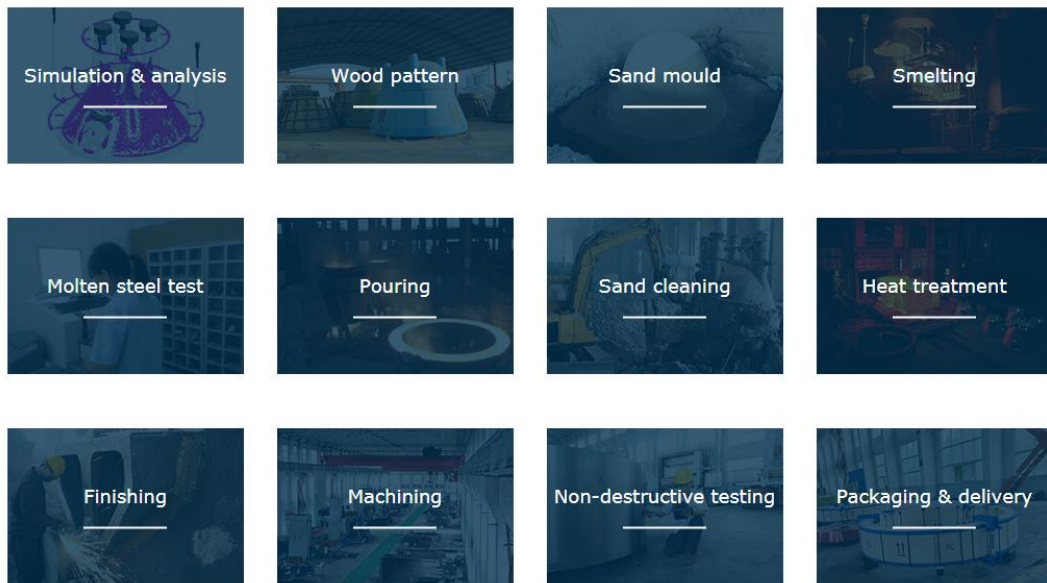
Application: Rotary kiln, rotary dryer, rotary cooler, etc.

Customizable: Yes, according to customer's drawings

Our advantages:

1. CHAENG uses CAE software digital simulation technology to predict the casting quality and optimize the casting process.
2. By normalizing and tempering process, the surface hardness of the support roller is higher than 200HB, which ensures the quality of the rotary kiln support roller device.
3. CHAENG kiln support roller assembly uses rolling bearings which has high precision and simple structure.
4. Made out of quality steel materials, the CHAENG kiln support roller has the advantages of large load carrying capacity and good continuous operation performance.
5. We ensure quality through strict inspection system: chemical composition, mechanical property, dimensional check, ultrasonic testing (UT), magnetic particle testing (MT), penetrant test (PT), and X-ray inspection.

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:

CHAENG rotary kiln support rollers are used in many cement production lines in China, for example: 5000TPD cement rotary kiln of Henan Meng Electric Cement Factory.



Contact Us

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