

SLAG POT

The slag pot or slag ladle, used to hold the high-temperature slag produced in the metal smelting process, is an important part in the metallurgical industry. For many years, CHAENG specializes in customizing cast steel slag pots of various specifications and types according to drawings. Our rich manufacturing experience, strong processing equipment and professional flaw detection system have laid the foundation for the production of high quality slag pots.



Specification

Weight: 1-85 Tons

Material: ZG230-450, ZG270-500, ZG310-570, ZG340-640 and so on

Application: Metallurgy, mining, chemical industries

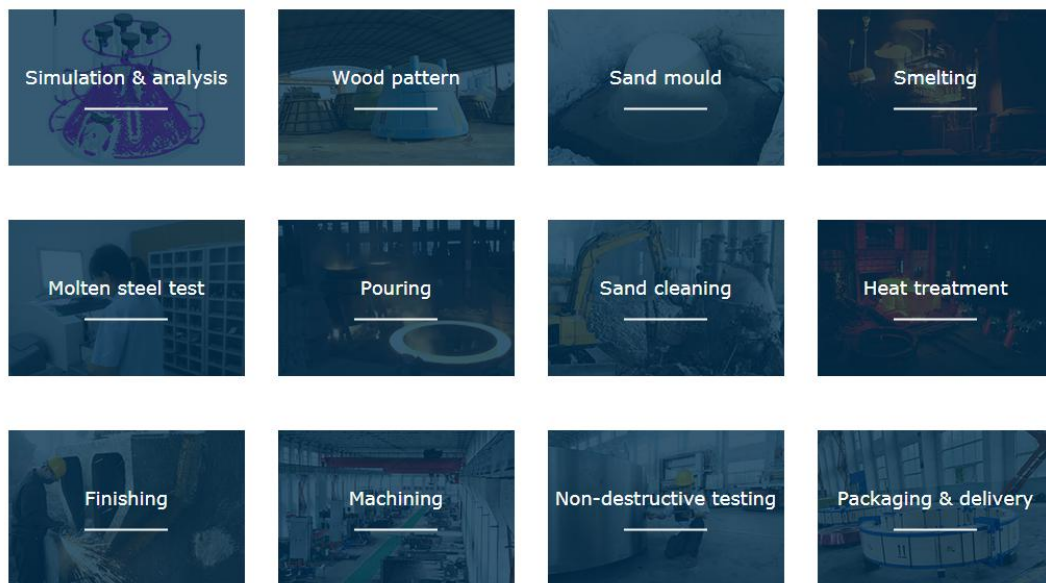
Customizable: Yes, according to customer's drawings

Our advantages:

1. Our company has long-term cooperation with many world well-known steel companies like BAOSTEEL, ARCELORMITTAL, TATA STEEL, etc., and has successfully provided the slag pots to many countries and areas such as Germany, Belgium, USA, Mexico, Brazil, Chile, India, South Korea, Japan, Russia, South Africa, etc.
2. The CAE software is used to digitally simulate the casting process of slag pots and optimized the process plan.
3. Our company owns natural gas CNC heat treatment furnaces of 7m*12m and 5m*7m for heat treatment process to improve the mechanical properties of slag pots.
4. We rely on a professional polishing and finishing team and large-scale shot blasting equipment to ensure the quality of inner and outer surfaces.
5. Our company has strict quality control process: chemical composition, mechanical

property, dimensional check, ultrasonic testing (UT), magnetic particle testing (MT), penetrant test (PT), X-ray inspection, etc.

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:

Slag pot is the main product of CHAENG, more than 95% of CHAENG slag pots and ladles are exported abroad.

On July 18, 2008, CHAENG signed the first contract of slag pots. On the December 12 of the same year, we again signed 13 pcs of slag pots with South Korea's POSCO. since 2008 we have signed more than 50 types of slag pots, which are exported to countries and areas around the world: the United States, Germany, Italy, India, Japan, Canada, South Africa, Belgium, Korea, Chile, Mexico, etc.



Contact Us

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