

CHAENG slag pot application

CHAENG cast steel slag pots/slag ladle are available with finished weights range from 1– 150 tons.

CHAENG slag pots /slag ladle applications:

Utilized in: BOFs, AODs, Electric Arc and Blast Furnaces, and nonferrous refineries for the melting of magnesium and copper nickel smelting.

Also suited for a number of processes, such as lead, aluminium, iron, steel, chrome, manganese, copper and other smelting applications.

Application:

Blast Furnace

High Temperature Melting Equipment

Steel mill

Metallurgy industry

Mechanical processing industry



CHAENG slag pots /slag ladle advantage:

1. Many users: CHAENG slag pot / slag ladle is the common choice of many large world-renowned steel enterprises such as: Mittal Group, Tata Group, Taiwan Zhong Hua Iron & Steel Company, and so on.
2. Durable: CHAENG slag pot engineers adopt suitable material, customize and optimize the casting technology according to actual operating conditions. So CHAENG slag pots have: excellent high temperature mechanical properties, good thermal cracking resistance, stable manufacturing process and so on.
3. Longer service life: Up to 6000 times of usage frequency. First maintenance can be done 2~3 months later than similar products from other manufacturers.
4. Mature casting processes, rich experienced manufacturer: CHAENG, as a rich

experienced manufacturer, has mature casting process and technical teams. CHAENG performs digital simulation of casting process by means of CAE before pouring, to achieve the optimization of slag pot casting process.

5. Level 2 of flaw detection: Ultrasonic and magnetic particle flaw detection level can reach the second level of standards.

6. Smooth side wall: Smooth inner wall of slag pot, to avoid adhering slag during operation.

7. Good appearance: CHAENG is quite skillful at shot blasting and sand blasting to ensure the good appearance of slag pot / slag ladle and improve paint adhesion.



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