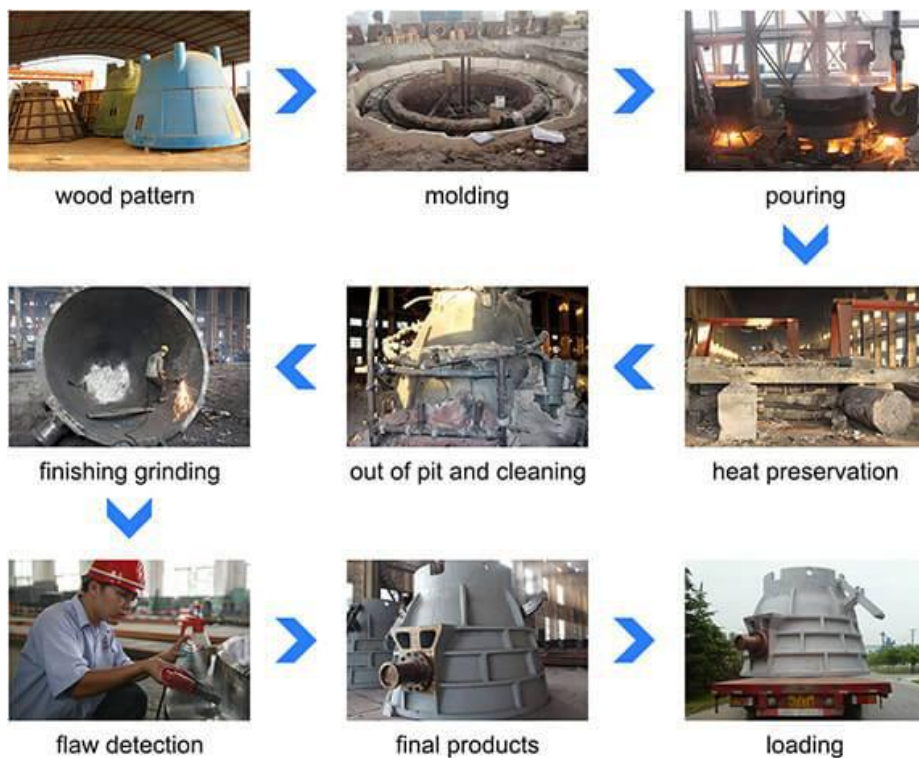


As an experienced slag pot manufacturer, how CHAENG to improve the slag pot quality

Great Wall Steel Casting (CHAENG), an experienced slag pot manufacturer, specializes in large-scale steel casting slag pots up to 150 tons per piece. More than 98% slag pots of CHAENG are exported to the United States, Canada, Mexico, Brazil, Germany, Turkey, India, South Korea, Japan and so on.



During the 11 years of slag pot production, CHAENG has formed a series mature technology and process to improve the quality of slag pots.



Before production, according to the customer's drawings and requirements, CHAENG fully communicates with the customer to develop a specific production plan for the slag pot; During production, the process is strictly controlled from molding, pouring, finishing to testing, to ensure the quality of the slag pots.

CHAENG uses CAE software to digitally simulate the casting process of slag pots, directly observes its filling and solidification process, and directly predicts with graphs and data the location and size of various casting defects that may be generated, thereby optimizing the adjustment process to develop the best process plan.

CHAENG is equipped with German OBLF vacuum direct reading spectrometer, carbon-sulfur high-speed analyzer, microcomputer three-element high-speed analyzer and other equipment, can quickly and accurately analyze various metal elements to ensure the quality of large cast steel slag pots.

CHAENG owns natural gas CNC heat treatment furnaces of 7m*12m and 5m*7m for heat treatment process to eliminate casting defects such as porosity, cracks, shrinkage, uneven structure, residual internal stress and so on, to improve the mechanical properties of slag pots.

CHAENG has a complete slag pot inspection system to strictly test the whole slag pot, especially the bottom, trunnion and tilting mechanism, and CHAENG also can customize the test process according to customer's specific standards. CHAENG's main flaw detection technologies:UT, MT, PT, X-ray, etc.



If you are interested, send us your drawings and we will give you detailed quotation.

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