

Brief Introduction of Gas Fired Shaft Type Copper Melting Furnace



Shanghai Zeno Industry Co., Ltd
Address: 12F, No.218, Ningguo Road, Yangpu District, Shanghai, China
Tel/Whatsapp: +8613917673215
Fax: +86-21-6180 5702
Email :mandy@fareastmachinery.com
Website : www.zenoindustry.com

This furnace is used to refine scrap copper, the refined molten copper could be cast into anode copper plates through anode casting machine or low-oxygen copper rod through ccr line(continuous casting and rolling line)

Product Features (Characteristics)

Compared to traditional reverberatory furnace:

- 1.The Gas fired shaft type copper melting refining furnace is more environmentally friendly and has higher thermal efficiency.
- 2.The Oxidation-reduction of the furnace is more complete and it needs less manpower

Product Appearance (Structure)

Components:

Shaft furnace, holding furnace, upper and down launder, feeding mechanism, holding furnace hydraulic transmission mechanism, premixing combustion system for: shaft furnace, holding furnace, upper and down launder; multi-stage high pressure fan blast system, PLC control online automatic sampling, Carbon monoxide continuous automatic detection system, fully automatic control system

Product Working Method (Principle)

It uses clean energy such as liquefied petroleum gas and natural gas as fuel, and continuously melts electrolytic copper into low-oxygen copper liquid. It is the preferred copper melting equipment for the production of continuous casting and rolling systems such as low-oxygen copper rods and copper strips.

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