High Efficiency Car Bottom Furnace Dimensions 3400*1830*2400mm Easy Installation

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: OEM
- Certification: CE Certification
- Model Number: OEM
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: Carton, pallet, wooden case or according to customer's package requirements
- Delivery Time: 30 working days
- Payment Terms: 30% deposit + 70% T/T before shipping
- Supply Ability: 20 sets per month

Product Specification

- Rated Power: 90KW
- Rated Temperature: 950
- Size Inside Furnace: 1800*900*600mm
- Max Loading Once: 2.5 Tons
- Dimensions: 3400*1830*2400mm
- Weight: 7tons
- Highlight: **car bottom forging furnace**, **car bottom electric furnace**

Our Product Introduction

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Product Description

Car Bottom Furnace

Car Bottom Furnace is a national standard energy-saving cycle type working furnace, super energy-saving structure, using composite fiber insulation, ultra-light high-strength micro-bead vacuum ball energy-saving brick, exclusive production of anti-drop wire 20° wire brick, furnace mouth prevention The workpiece impacts the brick, automatically seals the trolley and the furnace door, and integrates the rails. It does not need basic installation and can be used on a level ground. Mainly used for quenching, normalizing, tempering, quenching and tempering, annealing, stress relief annealing and heat treatment of high chromium, high manganese steel castings, gray cast iron parts, ductile iron parts, rolls, steel balls, crusher hammers, wear-resistant and various mechanical parts.
Generally, the outer casing of the trolley is welded by steel plate and section steel. The electric furnace lining material is made of ultra-lightweight 0.6g/cm energy-saving refractory thermal insulation brick, and the interlayer is placed with aluminum silicate fiber felt insulation, between the furnace shell and the furnace-lined silicon-aluminum brazing interlayer. The filling is expanded to the stone powder insulation, and the furnace mouth is made of heavy anti-collision bricks and heavy aluminum anti-pressure bricks on the surface of the trolley. The labyrinth refractory material is used between the electric furnace body and the trolley. The heating elements of the electric furnace are spiral heating elements, which are placed on the furnace side wire bricks and the trolley masonry. The heating element material is the international common 0Cr25AL5, and the maximum operating temperature of the components is 1200 °C.

The trolley is equipped with a chrome-manganese-nitrogen heat-resistant steel furnace bottom plate or a 1200°C silicon carbide furnace bottom plate for carrying the workpiece. In order to prevent the scale from being generated after the workpiece is heated, the heating element is caused by the gap of the furnace bottom plate falling around the bottom heating element. Damage, it is necessary to regularly sweep the scale under the bottom of the trolley furnace, usually once a week, the bottom of the furnace is lifted during the purge, and the oxidized dander in the resistance wire is cleaned with compressed air.

The lifting and lowering of the trolley door of the trolley is realized by the rolling wheel rolling up and down on the guide rail, which ensures the sealing and sealing between the furnace door masonry and the furnace body masonry when the furnace door is closed, and ensures the opening. During the process, the masonry will not be damaged by friction. The movement of the furnace door and the trolley is provided by the motor through the worm gear reducer and the chain drive, and the electromagnetic brake is equipped for proper adjustment.

In order to improve the uniformity of the furnace temperature, the electric furnace adopts multi-zone heating, and the heating elements are arranged on the furnace door and the back wall, the heating element layout diagram and the wiring diagram, and the resistance wire winding pattern are attached to the technical documents, and should be properly kept. For future repair and replacement.

Technical parameters

Rated power	KW	65	75	90	105	120	150	180	320
Rated temperature		950							
Size inside the furnace	L(MM)	1100	1500	1800	2000	2000	2200	2400	2800
	W(MM)	550	750	900	900	1000	1100	1200	1400
	H(MM)	450	600	600	600	600	700	800	800
Maximum loading once	Ton	1	2	2.5	3	3.5	3.8	4.2	6
Dimensions	L(MM)	2600	3100	3400	3700	3800	4000	3700	4600
	W(MM)	1450	1630	1830	1830	1830	1830	2050	2350
	H(MM)	2200	2400	2400	2400	3510	3416	3800	4800
Weight	Ton	4.5	5.5	7	7.5	8	8.8	11	14

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