Vcuum protective atmosphere pushed slab kiln

Appication:

The furnace is applicable for the calcination of powder material of new energy power battery like lithium iron phosphate under the condition of the protective atmosphere, and also for the dumping, pre-sintering, sintering and annealing of electronic ceramic parts like PTC,NTC etc.

Features:

The equipment possesses the prominent featurs of no metal impurity pollution, perfect energy saving, higher automation and low oxygen content

1.Without metal contamination: heating elements adopts resistance wire with the protective sheath,which avoids workpiece in contact with resistance wire, also avert resistance wire being corroded to produce reactants contaminating the workpiece.

2.Pre-vacuum mode: By mechanical pump to pump the chamber into the vacuum, shorten the time to build the atmosphere inside the chamber, effectively to decrease the consumption of nitrogen and largely increase the capacity of production.

3.Low energy sumption: fast Pump the air inside the chamber by mechanical pump, saving the process which inflates the large amount of nitrogen to drive the air out of the chamber so as to reduce the nitrogen consumption.

4.High purity of workpiece: through using the loading tray to hold the workpiece, which evades workpiece directly to touch the metallic pollution. Heating elements with the quarts sheath also escapes the workpiece handling heating elements to contaminate the workpiece.

Main technical parameters:

Model	Rated power	Max. Temp.	Feeding Size	Pushed slab size	Pushing speed	Temperature zone
TBR-180-9	180KW	900℃	700×240mm	340X340X30mm	400-1100mm/h	10
TBR-280-8	280KW	800℃	700×240mm	340X340X30mm	340X340X30mm	15

Note: working zone can be customized at your request.