Trolley Type Heat and Aging Furnace / Aluminum Alloy Wires Annealing Furnace

In order to improve the mechanical properties of aluminum alloy wires after drawing, quenching heat treatment is generally required. But the strength and hardness of aluminum alloy wires do not immediately increase after quenching, in order to improve the strength and hardness of aluminum alloy wire, aging treatment after quenching is required.

The aging of aluminum alloy wire can occur at normal temperature, which is called “natural aging”. However, due to the low temperature, the natural aging progresses slowly, which seriously affects the production and processing of the next process. The heating method can promote the mobility of metal atoms and accelerate the restoration of the aluminum alloy to a stable state. The process at artificial high temperature is called "artificial aging". "Manual aging" can restore the performance of the aluminum alloy wire after quenching in a short time, which greatly improves the production efficiency. This is generally called an aging furnace.

The trolley-type aluminum alloy aging furnace from us can meet the aging treatment of a large number of aluminum alloy wires, and is the best equipment for aging treatment of aluminum alloy wires for wires and cables.

1. Equipment Features

1. Processed parts with uniform hardness and less deformation;
2. Easy operation and maintenance;
3. Reliable performance, low failure rate;
4. Electric control system with high precision;
5. Small space occupation;
6. Low price and energy saving.

2. Main Technical Parameters

Bobbin Nos.	32,40,64,80,96,etc (can be customized)
Rated temperature (℃)	150 ~ 300 (temperature adjustable)
Furnace uniformity(℃)	±5
Bobbin size (mm)	φ630*500/pcs
Surface temperature rise of furnace shell (℃)	≤ 30

Product
link :
https://www.linttop.com/trolley-type-heat-and-aging-furnace-aluminum-alloy-wires-annealing-furnace.html