

# Integrated Launder Equipment

## I. Application Scope

The integrated launder equipment is installed between the melting furnace and the casting machine. It has dual functions: transportation and heat preservation.

It is mainly suitable for the transportation of aluminum liquid between smelting furnaces, holding furnaces, casting platforms, and external degassing and filtration for precision casting of aluminum alloys in aviation, transportation, etc.



## II. Equipment Types

### 1. Radiation Heating Launder:

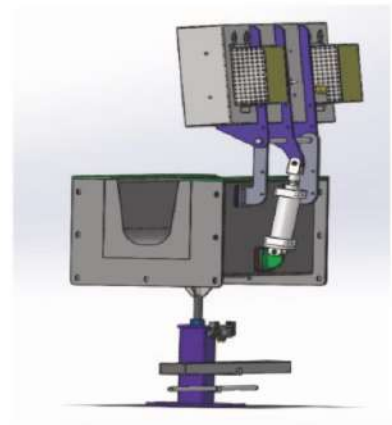
The heater uses silicon carbide rods or radiant tubes. The heater radiatively heats on the launder cover, with uniform heating. It can reheat the aluminum liquid during the production process, reduce the temperature drop of the aluminum liquid.

### 2. Electric Hot Air Heating Launder:

Heating uses a hot air system. Electric hot air is applied at the launder port to quickly preheat the launder, reducing the temperature drop of the aluminum liquid during temperature adjustment, and improving production efficiency.

### 3. Flame Heating Launder:

The launder cover is equipped with a flame burner. Through the intelligent gas control cabinet, the length and temperature of the flame inside the launder are precisely controlled, accurately baking the launder and reducing the temperature drop of the aluminum liquid.



## III. Customer Cases



Electric Hot Air Heating Launder



Radiation Heating Launder



Flame Heating Launder