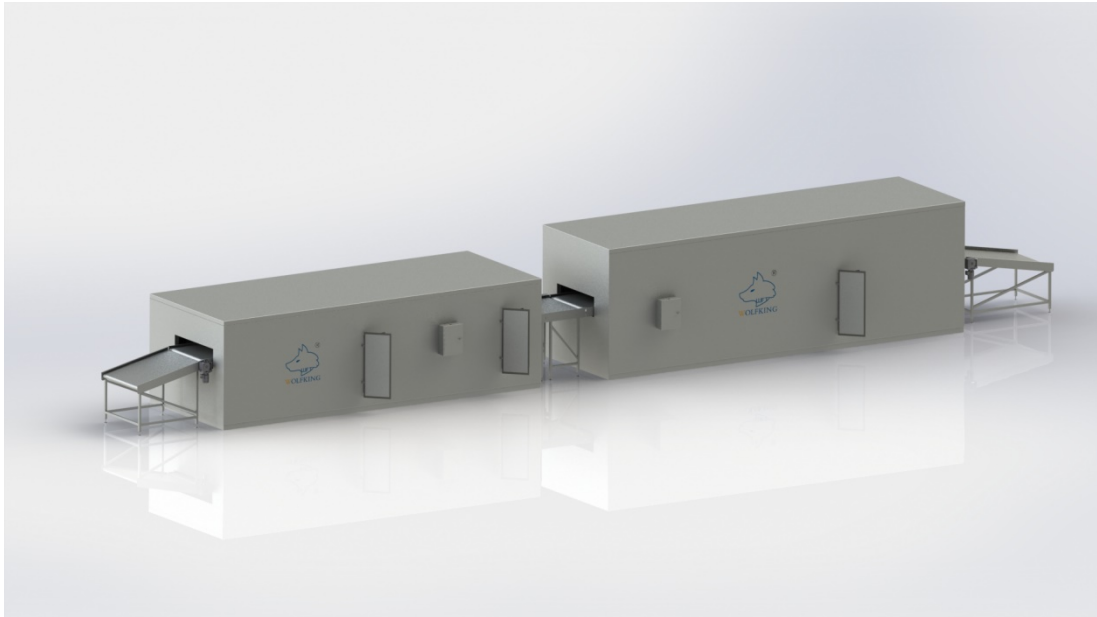


产品名称：

Brine freezer

产品主图（多维度展现）：



产品详情总叙述（可以从产品的主要特点入手编写）：

Brine shower freezing system is a compact and high-performance fast freezing system. In fisheries, it is ideal for quick freezing of shrimp, whitebait, squid and sardines or similar products after fishing. These aquatic products can be frozen to $-12 - 14\text{ }^{\circ}\text{C}$ in 7 - 10 minutes after being sprayed with sodium chloride through a tunnel in a perforated frame. Subsequently, the products go into the $-35\text{ }^{\circ}\text{C}$ air cooled tunnel which is further frozen the products to below $-18\text{ }^{\circ}\text{C}$.

The Brine is the most effective and economical way for the freezing of aquatic products. The heat transfer rate is fast and the freezing time is reduced to a surprising degree. The fiber and cell wall are not broken at freezing. The appearance of the final frozen product is better and the dehydration weight is small. The product won't lose its nutrients and maintains a good sensory quality and fresh look

产品型号细节展示：

产品详情细节展示：

System composition

The system consists of 6 Parts

1. An infeed lifter is equipped at the end of infeed. The conveyor belt with baffle plate is made of PE material. The belt width is 1800mm. The support is made of 304 stainless steel material.
2. The brine freezing tunnel is composed of salt water tank, heat exchanger, circulating mixing device, brine lifting device, product conveying device, brine distribution device and insulation enclosure. The tank, heat exchanger, conveying part and water distributor in contact with brine are made of 316 stainless steel. The width of conveying belt is 1800 mm, and the temperature of brine is $-18\text{ }^{\circ}\text{C}$. The low temperature brine can

be sprayed on the product through the pump and the product can be frozen to -12 to -14 °C in 7-10 minutes. The evaporation temperature of the refrigeration system is -25 °C.

3. The transition conveyor separates the brine part from the rear equipment to prevent brine from entering the air blowing tunnel. The conveyor belt is made of PE material, the width is 1800mm, and the bracket is made of stainless steel 304.

4. The air blowing tunnel freezer is composed of heat exchanger, circulating fan, product conveying device and insulation enclosure. Conveyor belt width is 1800mm, using 304 stainless steel mesh belt; 4 fans, cold air temperature in the enclosure is -35 °C, so that the product temperature can reduce from -12 °C to -18 °C. The evaporation temperature of the refrigeration system is -42 °C.

5. Output decline conveyor, using PE material, conveyor belt width 1800 mm, bracket made of stainless steel 304 material.

6. There is also a brine tank and mixer and a pump for transporting brine, which can be placed near the main equipment mentioned above, or in a room next door or other location to supply brine to the brine tank. The capacity of the water tank is 500-1000 liters. The main shaft and impeller of the mixer are made of stainless steel 316L. The frozen products are packed in plastic frames (such as 600x400x200) and can be frozen through tunnels. Normally, the inside of the box is usually 10kg, and the load can be adjusted as required. After the end of the freezing, with a little vibration the frozen products can be carried out from the frame in individual form.

Features

The width of the net belt is 1800mm. The form of mesh belt with large load capacity is adopted.

The immersed 316 stainless steel plate heat exchanger is used in the salt tank, and the heat exchange efficiency is high.

Brine concentration display and control system.

The belt operation is controlled by frequency conversion, and the speed is adjustable continuously.

Efficient brine circulation and transportation system.

The height of the throughway is 300mm.

产品优势展示:

产品应用范围展示:

产品如何使用:

关于产品的其他信息等想要展示的关于产品的内容: