

产品介绍 Product description



BJ- SL节能型全流态化单体速冻机是在普通的全流态化速冻机的基础上发展的改进型速冻机，是我公司的专利产品（专利号：ZL200320105027.4），具有占地面积小、产量大、节约能源、外形美观大方等特点，是一种性能先进的产品，适用于颗粒状、块状、圆柱状、丁状、条状的食品、果蔬的单体快速冻结。

BJ-SL energy-saving full fluidization monomer quick-freezing machine is an improved quick-freezing machine developed on the basis of ordinary full fluidization quick-freezing machine. It is the patented product of our company (patent number: ZL200320105027.4), with small occupation area, large yield, energy saving, beautiful appearance and so on, is a kind of advanced performance products, suitable for granular, block, cylindrical, ding, strip of food, fruit and vegetable monomer rapid freezing.

产品特点 Product features

独特设计结构，卫生清理方便

进料端采用了水清洗装置，缩短设备清洗和冲霜时间
 进出料端采用双刮刀装置，使传送带干净、清洁
 内部设有专用的维修和清洗通道，无卫生死角

Unique design structure, sanitary and convenient cleaning

Water cleaning device is adopted at the feed end to shorten the equipment cleaning and frost flushing time.
 The feeding and discharging end adopts double scraper device to make the conveyor belt clean and clean.
 There are special maintenance and cleaning channels inside, without sanitary dead corners.



高效节能，性能稳定

本装置不需要预冷设备，其本身具有预冷、表面冻结和深度冻结功能
 入料端采用导风装置，引导风向，减少冷量损耗，无跑冷现象
 外置式风机电机，不消耗速冻机冷量，全变频调速，使装置的耗冷量比其它速冻机降低了近30%，节约能源，提高降温速度
 高压双吸离心风机，一台相当于两台普通离心风机，风机全压为1300Pa，风量为21000m³/h，材质为不锈钢结构

High efficiency, energy saving and stable performance

The device does not need precooling equipment, and has the functions of precooling, surface freezing and deep freezing.
 The air guide device is adopted at the feeding end to guide the wind direction, reduce the cooling loss, and there is no cold running phenomenon.
 The external fan motor does not consume the cooling capacity of the quick freezer, and the full frequency conversion speed regulation reduces the cooling capacity of the device by nearly 30% compared with other quick freezers, saving energy and improving the cooling speed.
 High pressure double suction centrifugal fan, one is equivalent to two ordinary centrifugal fans, the total pressure of the fan is 1300pa, the air volume is 21000m³/h, and the material is stainless steel structure.



冻品品质优良

风机和传送带均采用全变频无级变速，使物料在特有的风道里随低温的冷空气悬浮状波浪往前输送，另外装置设有柔性脉冲振动机构，保证产品充分冻结单体率100%,设备的冻结产品广泛，冻结时间可调。

The frozen product is of good quality

The fan and conveyor belt adopt full frequency conversion stepless speed change, so that the materials can be transported forward with the suspended waves of low-temperature cold air in the unique air duct. In addition, the device is equipped with kneading pulse vibration mechanism to ensure that the product fully freezes, the monomer rate is 100%, the equipment has a wide range of frozen products, and the freezing time is adjustable.



便于安装，维修方便，操作简单

外置式风机电机，可以在不影响正常生产的情况下对设备进行维修
 共用地坪结构，一体化或模块化组装发货，普通车间地坪节省费用
 设备到位后用户只须接好电源、冷源及冲霜水即可生产，缩短设备安装周期
 电控柜面板液晶显示冻结温度和调速范围，操作方便简洁

Easy installation, convenient maintenance and simple operation

The external fan motor can repair the equipment without affecting the normal production.
 Common floor structure, integrated or modular assembly and delivery, and common workshop floor can save costs.
 After the equipment is in place, users only need to connect the power supply, cold source and frost flushing water to produce, so as to shorten the equipment installation cycle.
 The electric control cabinet panel LCD displays the freezing temperature and speed regulation range, which is convenient and simple to operate.



产品参数 Technical parameters

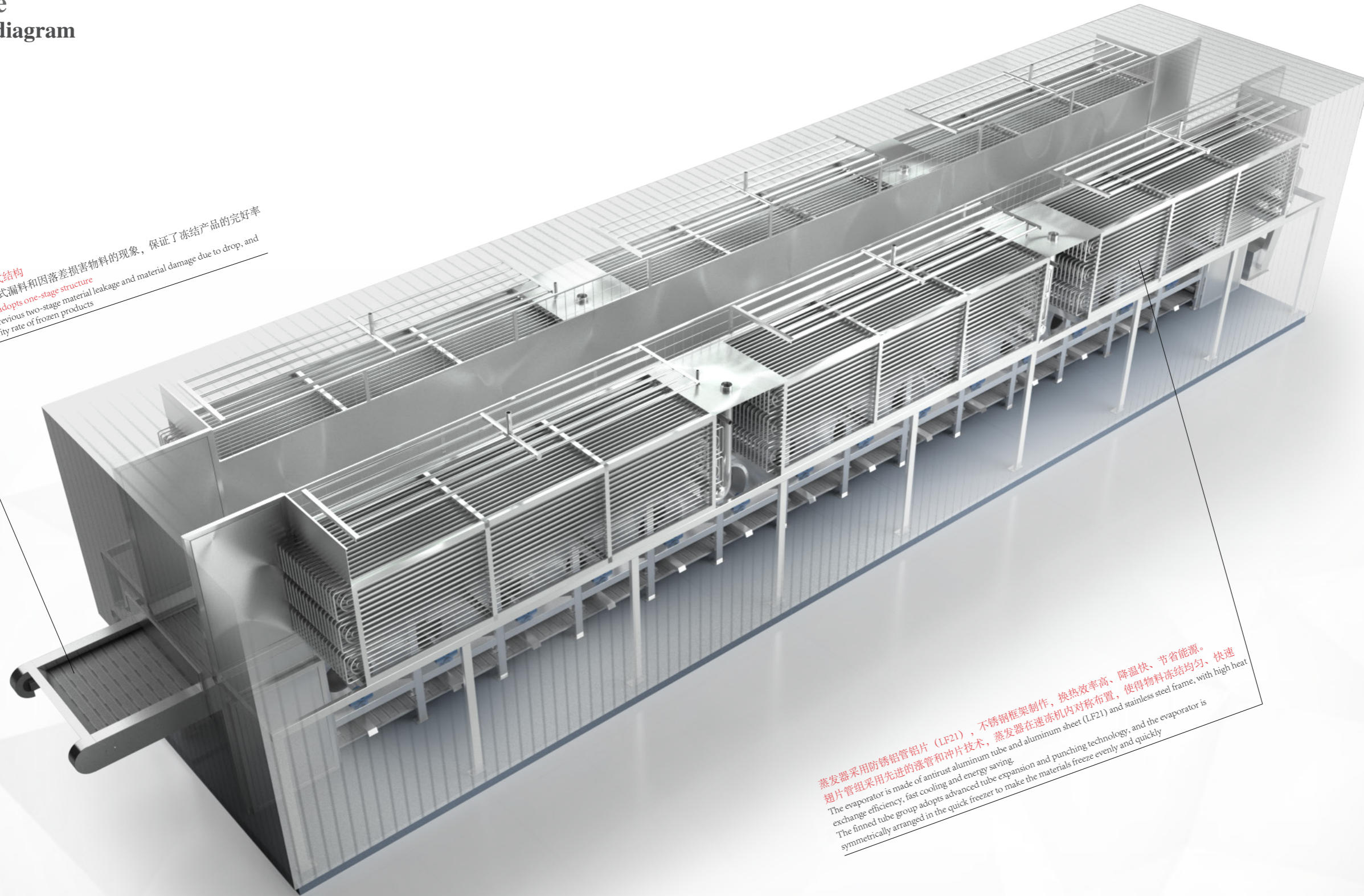
型号 Model	冻结能力 Freezing capacity (kg/h)	冻结时间 Freeze time (min)	装机功率 Installed power (kw)	耗冷量 Cold consumption (kw)	外形尺寸 Overall dimensions L×W×H (m)	传送带宽 Transmission bandwidth (m)
BJ-SL4-500	500	6~60	31.85	99	8.25×3.67×3.5	1.30
BJ-SL4-1000	1000	6~60	48.15	160	10.25×3.67×3.5	1.30
BJ-SL4-1500	1500	6~60	64.40	240	12.25×3.67×3.5	1.30
BJ-SL4-2000	2000	6~60	81.75	320	14.25×3.67×3.5	1.30
BJ-SL4-2500	2500	6~60	96.75	400	16.25×3.67×3.5	1.30
BJ-SL4-3000	3000	6~60	111.75	480	18.25×3.67×3.5	1.30
BJ-SL4-3500	3500	6~60	126.75	560	20.25×3.67×3.5	1.30
BJ-SL4-4000	4000	6~60	157.70	640	24.25×3.67×3.5	1.30
BJ-SL4-4500	4500	6~60	174.30	720	26.25×3.67×3.5	1.30
BJ-SL4-5000	5000	6~60	189.30	800	28.25×3.67×3.5	1.30
BJ-SL4-5500	5500	6~60	204.30	880	30.25×3.67×3.5	1.30
BJ-SL4-6000	6000	6~60	206.30	960	32.25×3.67×3.5	1.30

注：进料温度：≤+15℃，出料温度：-18℃
 冻结温度：-37℃±2℃
 耗冷量：按冷凝温度+35℃，蒸发温度-45℃计算

Note: Feed temperature: ≤+15℃, discharge temperature: -18℃
 Freezing temperature: -37℃±2℃
 Cooling consumption: calculated according to condensation temperature +35℃, evaporation temperature -45℃

Structure
结构示意图 diagram

传送带采用一段式结构
杜绝了以往两段式漏料和因落差损害物料的现象，保证了冻结产品的完好率
The conveyor belt adopts one-stage structure
It eliminates the previous two-stage material leakage and material damage due to drop, and ensures the integrity rate of frozen products



蒸发器采用防锈铝管铝片 (LF21)，不锈钢框架制作，换热效率高、降温快、节省能源。
翅片管组采用先进的胀管和冲片技术，蒸发器在速冻机内对称布置，使得物料冻结均匀、快速
The evaporator is made of antirust aluminum tube and aluminum sheet (LF21) and stainless steel frame, with high heat exchange efficiency, fast cooling and energy saving.
The finned tube group adopts advanced tube expansion and punching technology, and the evaporator is symmetrically arranged in the quick freezer to make the materials freeze evenly and quickly