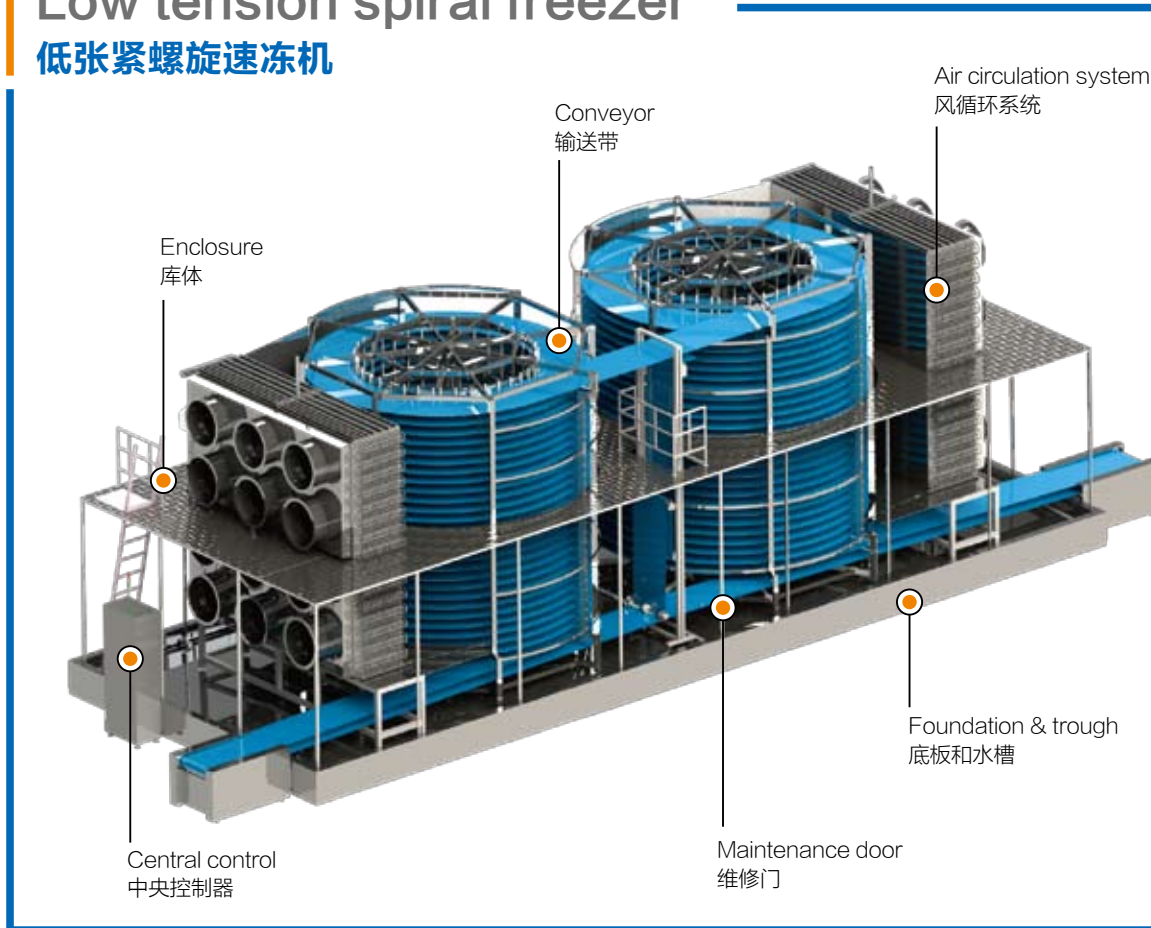
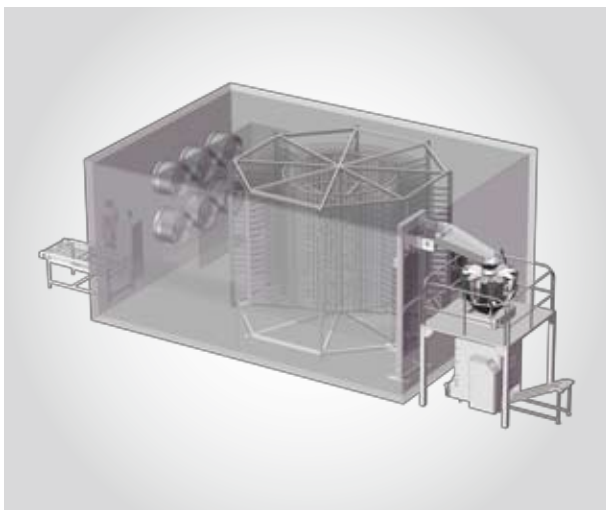


# Spiral Freezer | 螺旋系列冻结装置

## Low tension spiral freezer 低张紧螺旋速冻机



## Common features of spiral freezer 螺旋速冻机共同特征



### Insulated Enclosure 保温库体



- ▶ 开放结构，全焊接，内部高度卫生  
Open structure, fully welded, high hygienic inside
- ▶ 高密度聚氨酯板  
High density PU panel
- ▶ 密封外壳，保温性能好  
Sealed enclosure with good insulation
- ▶ 全焊接外壳可选  
Optional fully welded enclosure



### Food Grade Stainless Steel Mesh Belt 食品级不锈钢网带

- ▶ 高强度不锈钢输送带  
High strength stainless steel conveyor belt
- ▶ 网带表面平滑，产品上压痕小  
Flat mesh belt surface, minimum belt mark on products
- ▶ 根据不同的加工要求提供导轨  
Guides are provided according to specific processing requirements
- ▶ 不锈钢传动件，如链轮、轴承座等，卫生耐用  
Stainless steel drive parts like sprockets, bearing and seats etc., hygienic and durable



### Hygienic & Efficient Evaporator 卫生高效的蒸发器

- ▶ 大翅片设计，清洗简单  
Large fin design, easy to clean.
- ▶ 为CO<sub>2</sub>制冷系统特别设计的蒸发器  
Specifically designed evaporator for CO<sub>2</sub> refrigeration system
- ▶ 独特的加工工艺，保证10mm法兰颈  
Unique processing technology, guarantees high flange of 10mm
- ▶ 优化制冷循环，效率更高  
Optimum refrigeration circulation, better efficiency



### Unique Air Flow 独特的气流

- ▶ 对称和循环的空气流动  
Symmetrical and circulative air flow
- ▶ 降低冷量损失，提高冷冻效率  
Lower cold loss, improved freezing efficiency
- ▶ 内衬风道防止空气直接吹到库板，提高保温性能  
Lining air flue prevents air from blowing on panels directly, enhances insulation performance
- ▶ 最大限度地减少重量损失  
Minimize product weight loss
- ▶ 便于操作员随时检查设备  
Easy access for operator to check the equipment any time



# Spiral Freezer | 螺旋系列冻结装置



## Evaporator 蒸发器

### 卫生 Hygiene

大型全翅片，铝合金或不锈钢制成，卫生等级高  
Large one piece fin made of aluminum alloy or stainless steel, highly hygienic

### 设计 Design

具有高凸缘和位移翅片间距的优化蒸发管分配。  
流畅的气流保证较长的除霜周期  
Optimized evaporating tube assignment with high flange and shifting fin pitch. Smooth air flow guarantees a longer defrosting cycle

## 关注制造细节

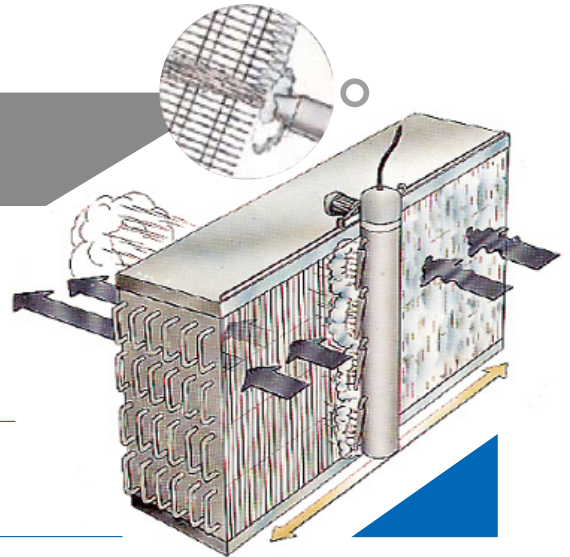
Focus on manufacturing details





## ADF Air Defrosting System 空气除霜系统

- ▶ ADF系统可在短时间内通过强风道吹除蒸发器上的霜  
The ADF system can blow away the frost on the evaporator quickly with strong air flow
- ▶ 该系统能更有效地利用蒸发器并延长生产时间  
This system can utilize the evaporator more efficiently and extend the time for production
- ▶ 系统按设定方式连续运行，覆盖整个蒸发器  
The system is continuously running according to set mode to cover the whole evaporator



## Floor and Drainage 地板排水

全焊接不锈钢水槽，无泄漏  
Fully welded stainless steel water trough is leak proof

优化的排水设计  
Optimal Drain Design

较大的地板坡度，确保清洗方便，排水畅通，保证食品加工的卫生条件  
Large floor slope ensures easy cleaning and smooth drainage, guarantees hygiene condition for food processing



## CIP Clean-in-place System CIP全自动清洗系统



**适用范围** Scope of application  
水产、禽肉、面点、调理食品及小包装食品的快速冻结  
Quick freezing of aquatic products, poultry, pastries, conditioned foods and small packaged foods

**冻结能力** Freezing capacity  
200-10000kg/h