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More product information
Please visit our website

YouTube

SQ-SSSF-E 2026



SELF-STACKING SPIRAL FREEZER

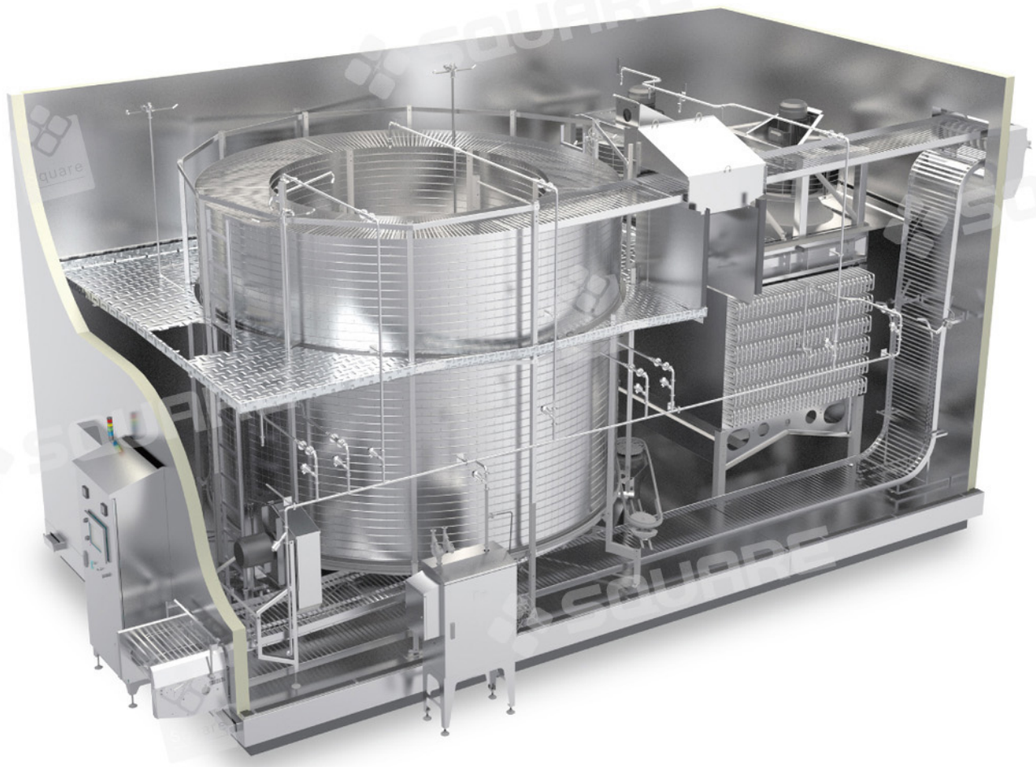
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Self-Stacking

Spiral Freezer

- Maximum Capacity
- Minimum Footprint
- Superior Hygiene

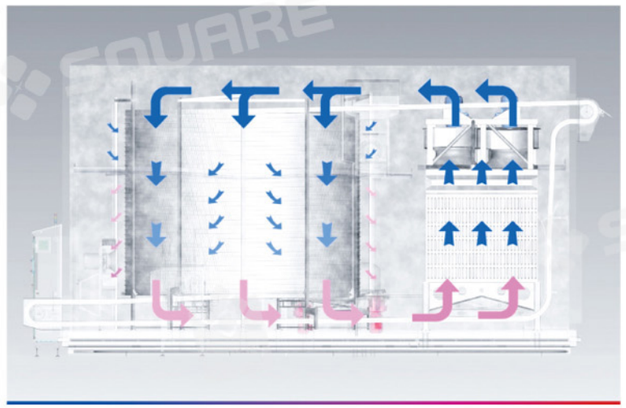


Spiral Conveyor

High capacity
Reliable freezing
Hygienic design
Low operating cost

Efficient Evaporator

Controlled Vertical Airflow for Fast and Uniform Freezing

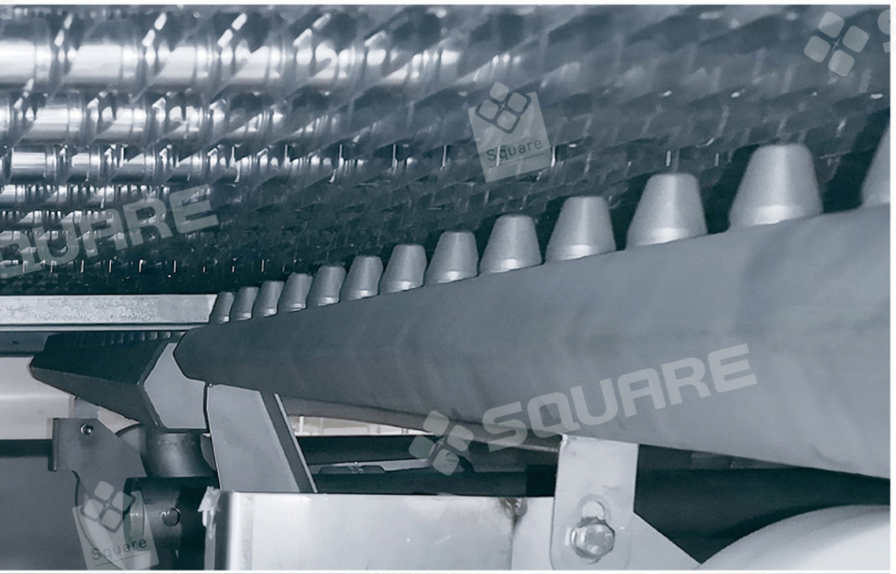


Air passes vertically through the product and belt stack, providing more uniform heat transfer and minimizing product temperature variation across the belt.



High-Velocity Centrifugal Fans

Reliable 24/7 Continuous Production



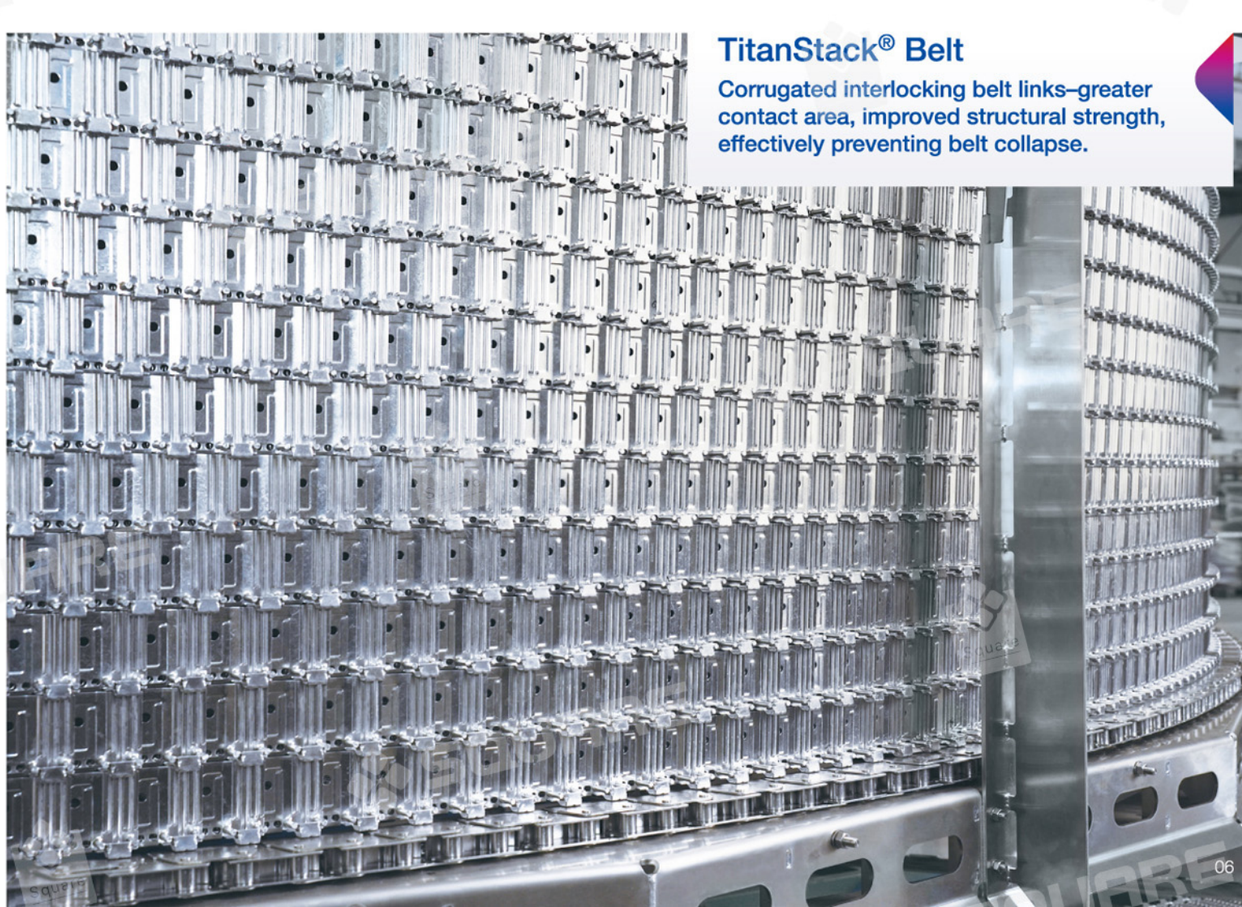


Air Defrosting System

CIP(Clean-in-Place) System



No-tension chain drive system, no-central drum design



TitanStack® Belt

Corrugated interlocking belt links–greater contact area, improved structural strength, effectively preventing belt collapse.

Applications

- Ready meals
- Bakery
- Meat
- Poultry
- Fish and shellfish
- Fruits and vegetables







To explore more customized application solutions



Technical Data

Series	S4	S6	S7	S9	S10
Tiers	18-32	18-42	18-50	18-50	18-50
Belt Width (mm)	420	660	760	930	1060
Control Panel	Siemens PLC, HMI, SS panel				
Refrigerants	Freon, Ammonia, CO_2				
Evaporator	Al/SS Tube, Aluminum Fin, Variable Fin Pitch				
Defrost	Water / Hot Gas / ADF Optional				
Freezing\cooling time	Adjustable wth VDF				
Cleaning	CIP (Clean-in-Place)				

Contact our sales engineers
for tailored technical solutions.



About us



Square Technology Group is China's largest spiral freezer manufacturer, with a vertically integrated manufacturing system covering key components such as belts, insulated panels, evaporators, and control panels.

Our self-stacking spiral freezers deliver high-efficiency, reliable freezing solutions to food processors worldwide. With professional installation and service teams supporting customers globally, we ensure reliable commissioning, after-sales service, and fast spare parts supply.

Square Technology at a Glance

64 Hectares
Integrated Manufacturing Facility

1,800+
Dedicated Professionals

300+
Engineers & R&D Specialists

300+
Installation & Service Professionals

5,000+
Spiral Freezers Installed