

ALCO

Spiral Freezer

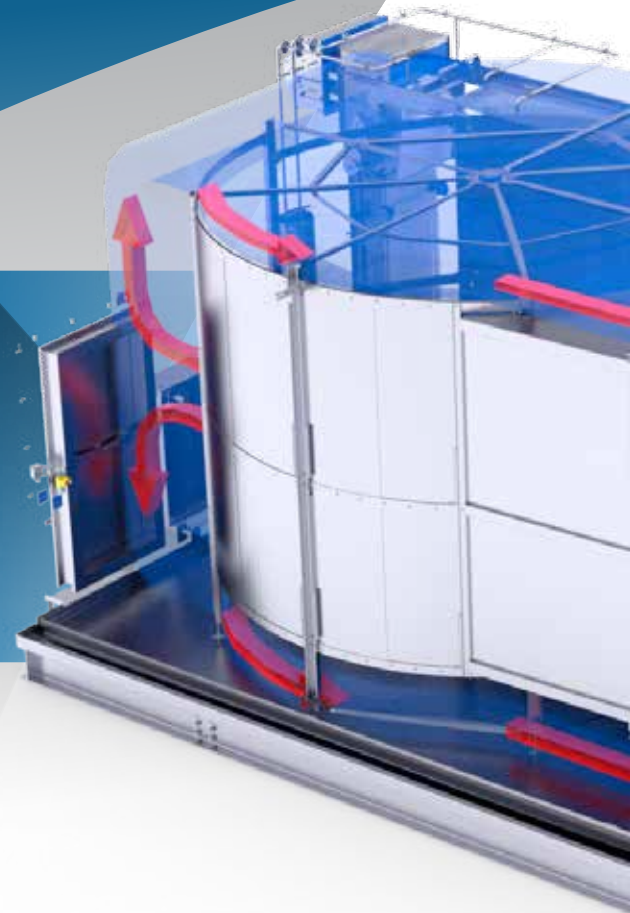
PRO & ECO Series



Cool and freeze products quickly,
efficiently, and hygienically



alco Spiral Freezer PRO & ECO Series



The alco spiral freezers are multi-purpose, high-performance machines which allow to cool or freeze a wide range of products with optimum structure and taste perseverance

The freezer is usually combined with other alco processing equipment, in particular the coating line and spiral oven to achieve a full range of flavors and appearance for in line processing.

Benefits

- Excellent results on a wide range of products at maximum yield
- Efficient cooling and freezing system for uniform, quick freezing of products to prevent losses through dehumidification
- Equal and efficient horizontal airflow across all tiers
- Suitable for all freon refrigerants like ammonia NH₃, carbon dioxide CO₂, ice water, or brines

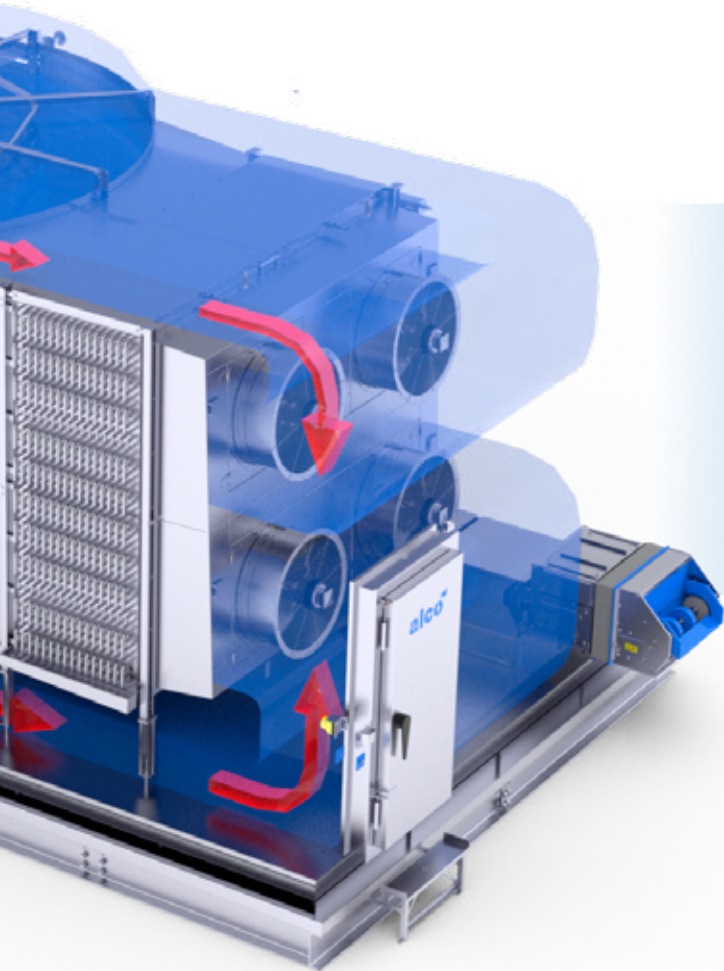
ECO Series serves best for every smaller production capacity

- Space- and cost-saving alternative to the PRO Series
- Compact, transportable machine unit mounted to a stable base frame
- Innovative, form-fit and process reliable direct drive belt
- Powerful evaporator and fan units



Visit JBT's fully equipped Food Technology Centres in either Helsingborg, Sweden, Livingston, UK or Bad Iburg, Germany and test the alco freezing equipment using your own products and recipes.





High hygiene & safety standards

- High-end hygienic design for top product safety
- Easy operation and thorough cleaning with maximum safety and efficiency
- Easy-to-clean and maintenance-friendly construction
- Made entirely of stainless steel and food-approved materials

State of the art controls

- The JBT ALCO spiral freezers come with a Siemens PLC control panel as standard with an intuitive graphical interface
- Recipe control system and controllable speeds, temperatures, etc.
- Linked with remote maintenance service & Industry 4.0

Comes with a wide range of equipment

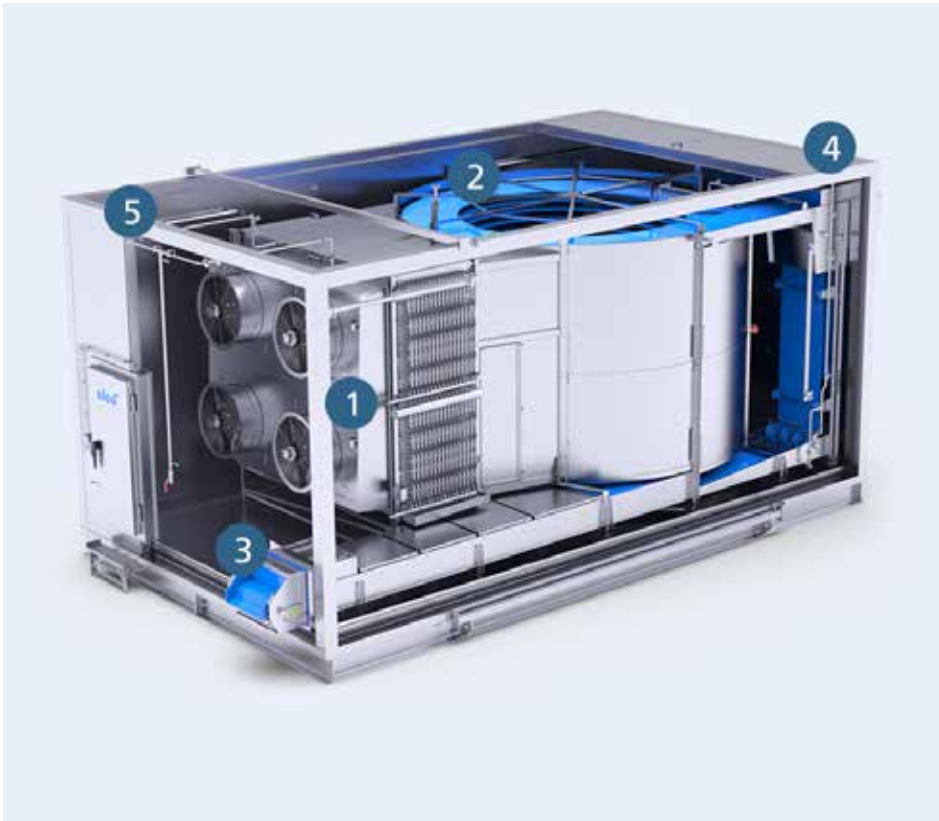
- All drives are coated with a corrosive protection coating
- Belt folding control on the spiral tower
- Belt tension control with automated adjustment
- Direct drive belt system with stainless steel conveyor belt
- Innovative and compact, high-quality construction

Flexible solutions for food processing requirements and applications

All alco machines evolve with the demands of the industry where innovation, versatility and reliability are key. Flexible solutions can be developed for all food processing operations, large or small, and each alco freezer can be configured to meet individual requirements and a wide range of applications including:

- Meatballs
- Fish filets
- Burger patties
- Nuggets
- Plant-based food
- Vegetables

The JBT ALCO Spiral Freezer ASK - Evenly and gently cool



1 Evaporator-ventilator units

transfer refrigerating capacity in an energy-saving and efficient way.

2 Variable level system

allows for the selection of 12 to 22 levels.

3 Hybrid belt

is a belt frame made of stainless steel with a product support surface made of plastic.

Optional

4 Insulation cell

consists of numerous individual panels or is completely sealed for increased tightness.

5 Cleaning system

ensures efficient cleaning of the conveyor system through pipelines and spray nozzles..

WE ARE YOUR SINGLE SOURCE FOR PROFITABLE PROCESSING SOLUTIONS

JBT is a leading provider of integrated food processing solutions. From single machines to complete processing lines, we enhance value and capture quality, nutrition and taste in food products. With a local presence on six continents, JBT can quickly provide our customers and partners in food processing industry with the know-how, service, and support needed to succeed in today's competitive marketplace.



North America

JBT Corporation
1622 First St.
Sandusky, OH 44870
USA
Phone: +1 419 626 0304
E-mail: process-solutions@jbt.com

Europe

John Bean Technologies AB
Rusthällsgatan 21, Box 913
SE-251 09 Helsingborg
SWEDEN
Phone +46 42 490 4000
info-europe@jbt.com

Asia

John Bean Technologies Ltd.
159/26 Serm-Mit Tower, Room no. 1602-3
Sukhumvit 21 Road, Klongtoey Nua Sub-district
Wattana District, Bangkok 10110, THAILAND
Phone: +66 2257 4000
E-mail: infoasia-jbtfoodtech@jbt.com

Latin America

John Bean Technologies
Máquinas e Equipamentos Industriais Ltda.
Av. Eng. Camilo Dinucci 4605
14808-900 Araraquara, São Paulo, BRAZIL
Phone: +55 16 3301 2000
E-mail: latinamerica.info@jbt.com



We're with you, right down the line.™

jbt.com/foodtech