

# Whatever you have in mind.



your ideas – our solutions

## Spiral Freezer ASK

**alco**<sup>®</sup>  
food-machines

15.07.2021



Welcome to the world of

**alco**

## Our company delivers **quality from conviction**

As a family business, it's our aspiration to go beyond expectations, advise every client individually, and develop the **best solutions** together.

Count on a partner you can trust, an employer who's there for you, a company that knows what it stands for.

## **Reliability, trust, connection**

alco is characterized by constant further **development, reliability, and flexibility** towards our clients and a connection to our roots.

Founded as a family business over 40 years ago, we've stayed true to ourselves to this day: Direct communication at eye level and the goal to extensively and optimally meet client requests, have made us what we are today: a **strong partner in the food processing industry**.

Our employees, clients, and end users notice that – thanks to us providing innovative solutions that are individually tailored to your needs!

# Your idea is unique. So are our solutions.



## Meat processing

Good meat processing is a question of the right machine.

Whether juicy burger patties, crispy schnitzel, or stakes with grill-like flavor:

We'll help you out.



## Poultry processing

Poultry is as versatile as our processing machines.

We know how you can optimally process grilled chicken breast, chicken nuggets or crispy thighs.



## Vegetables processing

With vegetables, anything is imaginable. We make it possible.

Classic hash browns, Mediterranean stir-fried vegetables or floured onion rings:

Let us show you what we can do.



## Fish processing

We have the matching machine for your individual fish dish.

Cook fish filets especially tender, roast the batter to a crisp or apply specific grill patterns to the product surface.



## Plant-based food processing

Plant-based food is tasty in any shape, with lots of delicious flavor.

Vegetarian burgers, roasted vegetables or veggie gyros: plant-based substitutes can be processed with also easily and professionally.

# Your idea is unique. So are our solutions.



## Sauces & stews processing

We've got the machine for stews, sauces and ready meals.

**Our HotCook is a true all-rounder: Stews, sauces and ready meals are its specialty.**

**You'll be impressed.**



## Dough processing

Dough offers so many possibilities, and our machines do handle it.

**Crusty pizza, browned pretzels or lye sticks? Even when processing dough products, it pays using alco machines.**



## Milk & cheese processing

Cheesy or what? We can do cheese internationally.

**Camembert, mozzarella sticks or grated cheese: Our plants will guarantee qualitative processing of your products.**



## Sweets processing

Sugary and sweet is always a good choice: Sweets for every taste.

**Pies, wine gum and Berlin pastries are just some of the sweets that our food processing machines can handle.**

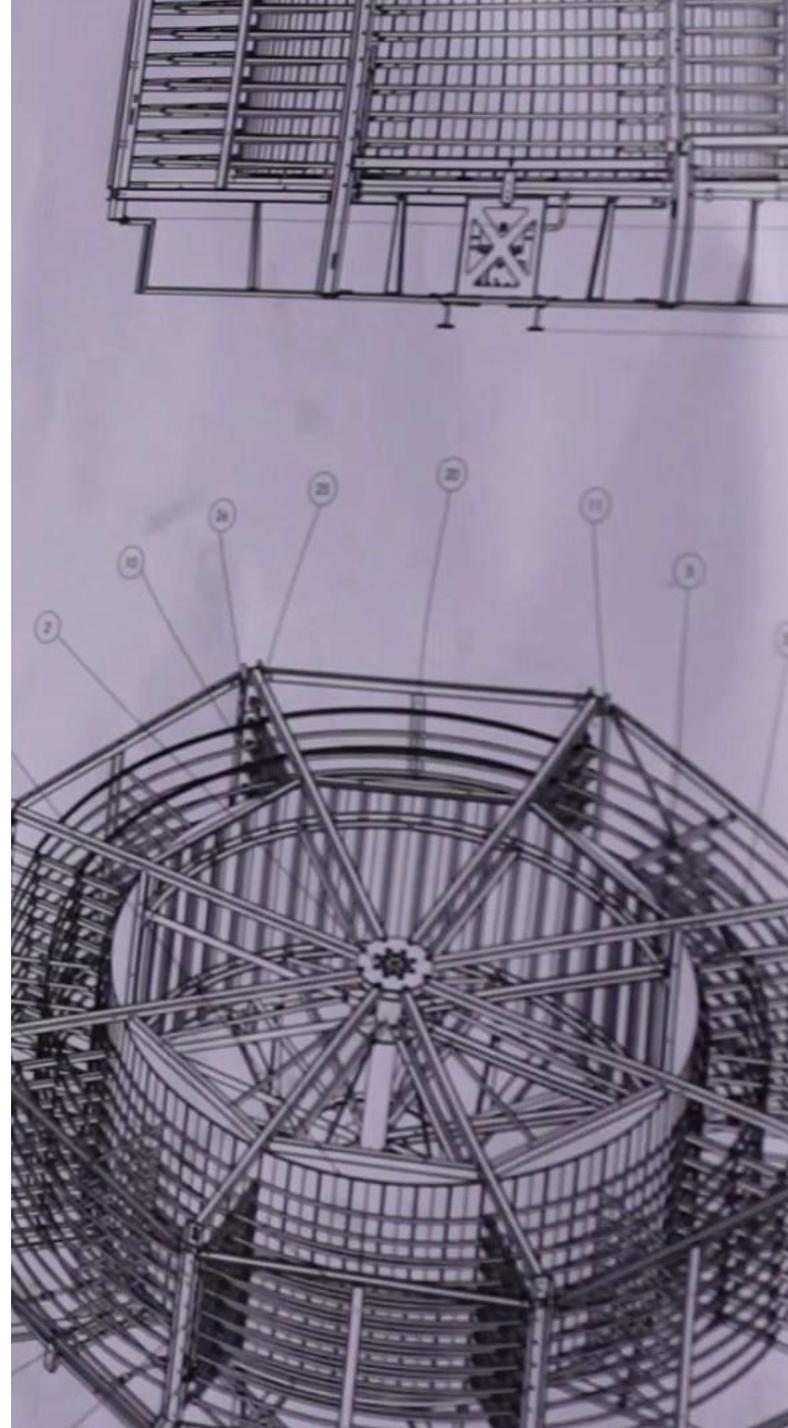


## Pet food processing

Believe us: even pets watch for good flavor and texture..

**Processing dog bones, wet food or chew sticks is made easy with the alco convenience technology.**

**Have a look yourself!**



# Spiral Freezer ASK

**Customized** in every detail

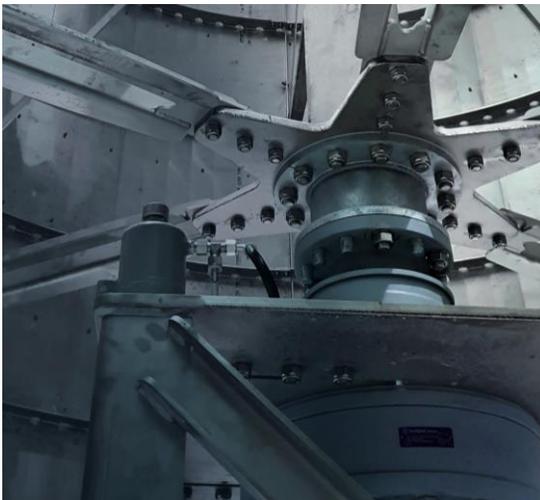
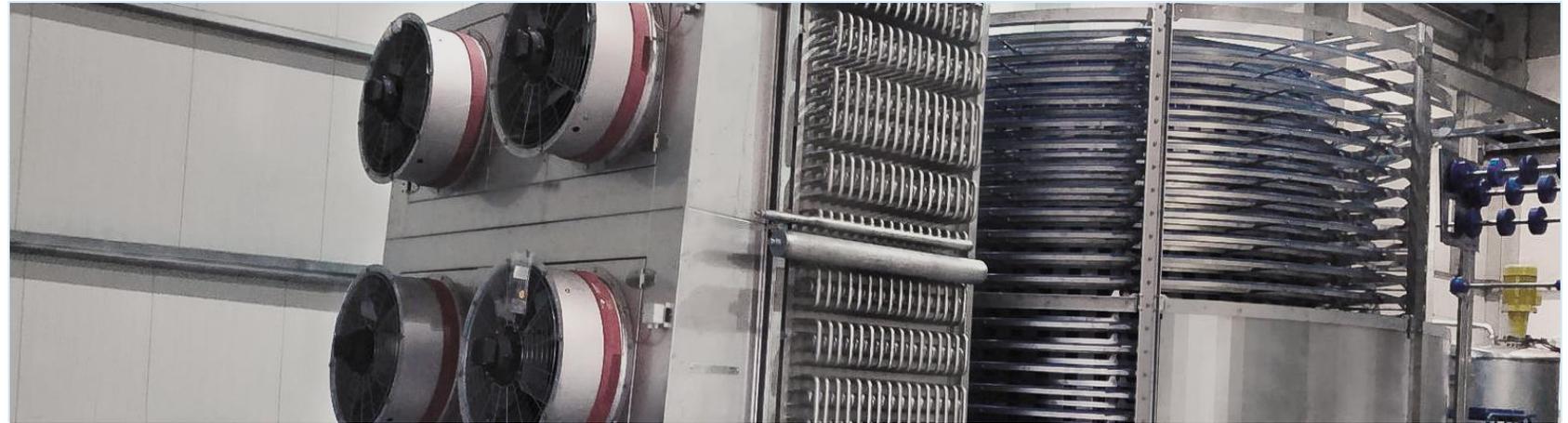
**Our systems are always a mirror image of your needs.**

All spiral freezers and spiral chiller solutions are **completely designed, engineered, customized and built** by our specialists at alco's headquarter in Bad Iburg, Germany, and in close consultation with our customers, guaranteeing **performance above regular expectations.**

**Get an insight** into what makes an alco spiral freezer **special and popular** among many food processing companies around the world.

# Tailor-made spiral systems comply with all your ideas

Spiral Freezer ASK under construction



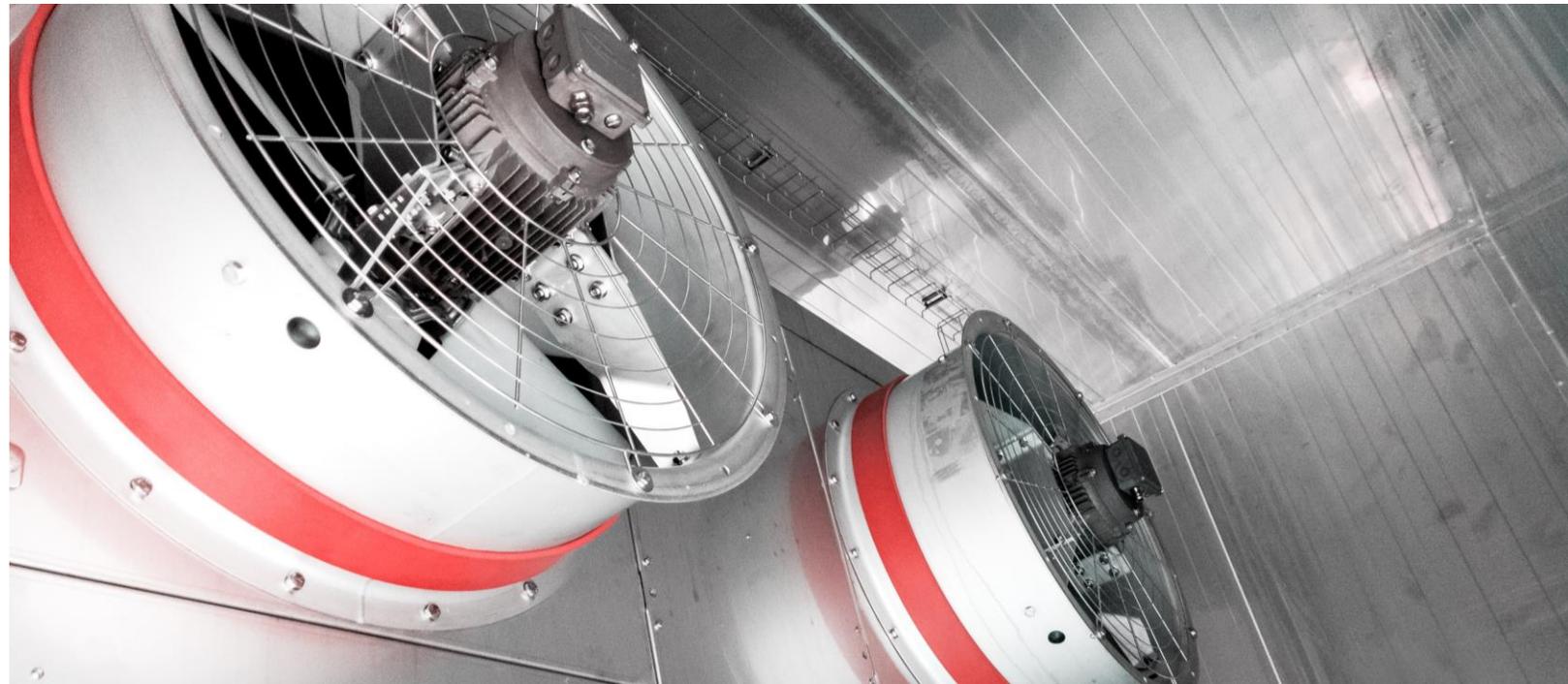
# Spiral Freezer ASK

## Powerful cooling & freezing

Every spiral freezer is equipped with a **powerful evaporator unit with integrated fans** for optimal, quick and efficient cold energy transfer.

The interaction of state-of-the-art spiral technology and highly precise evaporator-fan-units allows an uniform, **horizontal airflow across all tiers** and prevents losses through dehumidification.

After all, customer's requirements are met and exceeded through performance, reliability and longevity.



# alco represents 40 years of know-how and success in the food industry

Finished Spiral Freezer ASK at a customer's site



# Evenly and gently cool

## Working principle

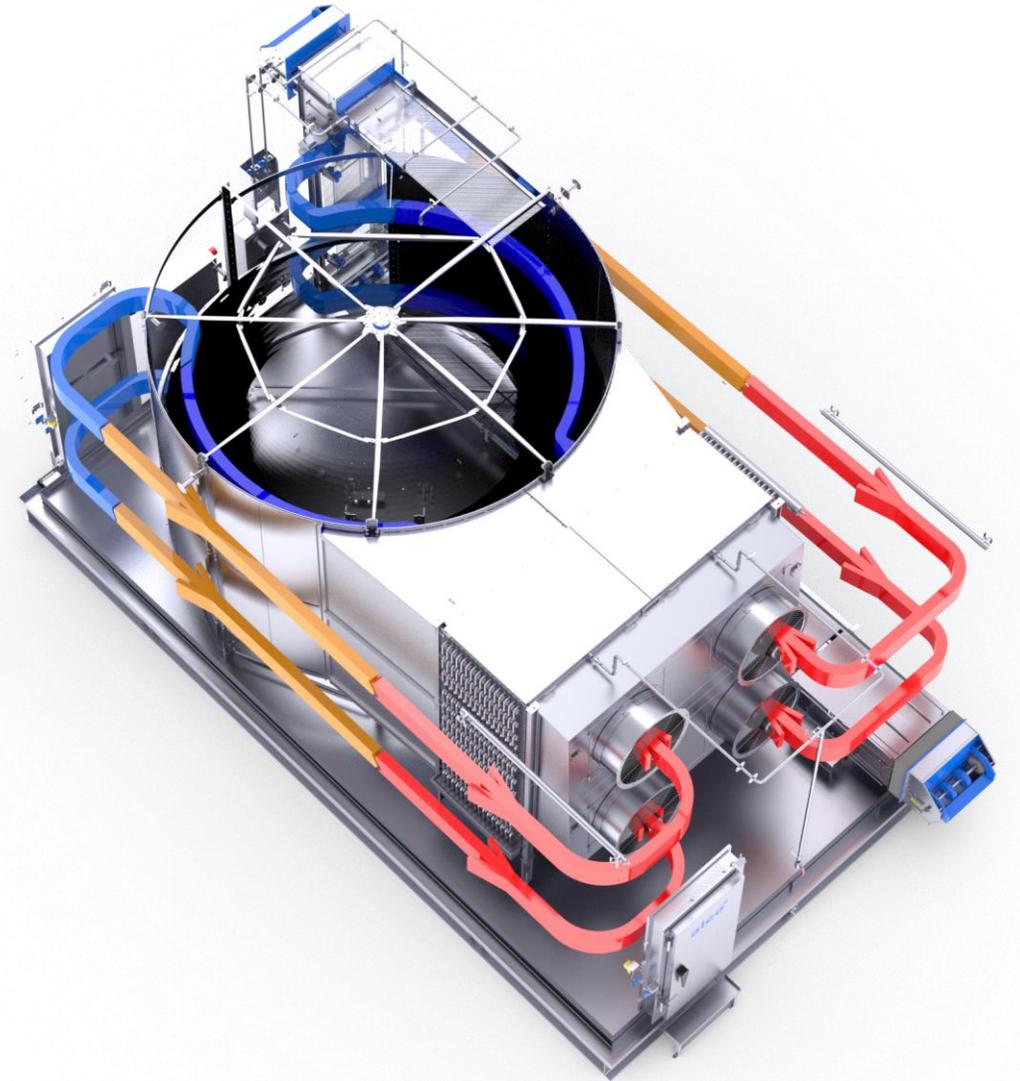
Freezing food guarantees easy product handling, optimal structure preservation as well as maximal durability, freshness and flavor.

With the spiral technology, our **spiral freezer** allows for a maximal conveyor length within a small space. The spiral belt guide can be adjusted exactly to the individual cooling plan and the environment in special models. At the same time, it provides suitability for products of various sizes due to a selectable gap between the individual levels of the spiral.

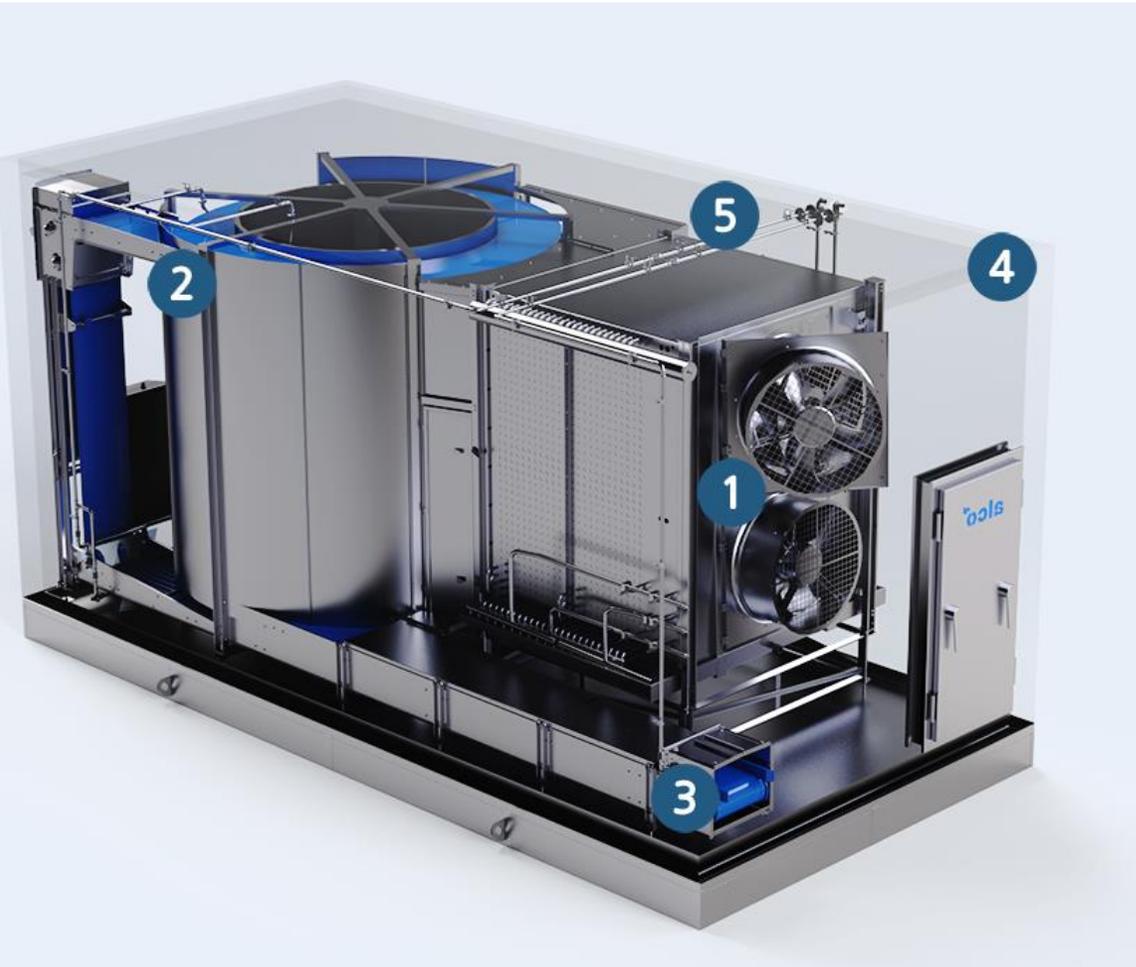
Thanks to the innovative belt system and the evaporator-fan-unit, the spiral freezer provides an effective cooling process with minimal weight loss and high-quality outcomes.

## Perfectly suitable for

Burger patties, meatballs, nuggets, poultry parts, fish and seafood, vegetables, dairy and alternative proteins.



# Easy to use and to maintain



## Key Features

### 1: Evaporator-fan-units

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

### 2: Variable level system

allows for the selection of different levels to perfectly fit the conveying system to your process.

### 3: Hybrid belt

is a belt frame made of stainless steel with a product support surface made of high-quality plastic approved for food industry.

## Optional

### 4: Insulation cell

consists of numerous individual panels and is completely sealed for increased tightness and economic production.

### 5: Cleaning system

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



# Spiral Freezer ASK: Exemplary products



## Frozen Burger Patties

Whether it's meat, poultry or plant-based: our Spiral Freezer is perfectly suited to cooling or freezing all kinds of burger patties, gently and quick.



## Frozen Chicken Nuggets

With the help of the Spiral Freezer you reliably process chicken nuggets, cheese sticks, vegan nuggets and more on an industrial scale.



## Frozen Fish & Chips

Fish & Chips is one of the most popular dishes worldwide. Go ahead and use our perfectly suited Spiral Freezer for freezing your fish & chips precisely in no time.



## Frozen Pastry Products

Pastry products from curd balls with delicious fillings to cinnamon buns and classic bread rolls, even pizza and baguettes. We get your pastries frozen – for sure.

# Get in touch with our team

## Let's develop a solution together

Because we are in close contact with our customers, we do better understand their **individual requirements**.

As a family business we know how important direct and timely communication is.

In other words, you can always **speak to the person responsible** – including the management.



**No matter what your question is, we will help you**

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## We're helping you out with all you need to know about alco

Whether it is social media, our magazine "appetizer" or our monthly newsletter – you'll always stay up to date.

Follow us for the latest news on our machines, revealing behind-the-scenes stories, machine highlights and more interesting stuff!

Simply try and see!

Follow us on social media, watch our videos on YouTube, subscribe to our newsletter or download our appetizer: Just click on the icon – it's that simple.

