

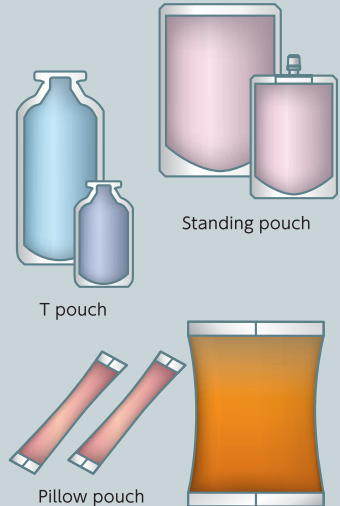
# Sterilization / cooling system (total system with filling and packaging machine)

We support customers comprehensively from design to regular maintenance, taking advantage of the know-how accumulated in our food manufacturing.



Continuous low temperature steam sterilization cooling system  
Jelly pouch production line

Target packaging form :  
Small to medium size bag



## Continuous low temperature steam sterilization and cooling system

This is an automated machine that can perform heat sterilization and cooling with low temperature steam.

### Suitable for various packaged foods

It can be used in a variety of food containers, and various packaged foods. Packaged food are heated and sterilized by low temperature steam, and then cooled down.

### Stable temperature sterilization

The continuous movement of the bucket-type retainer prevents uneven sterilization and enables stable sterilization.

### Automation and labor saving

We automated the entire process from product supply to discharge.

### Customized design

Customized designs are possible match the form of the customer's packaged food.

### Product supply

You can customize the alignment method and supply method for your the packaged food.

### Reverse method

Not use the vacuum pad that is prone to aging, and adopted the reverse method.

### Quality improvement

Heat sterilization with low temperature steam prevents heat damage to food and minimizes the humidity of production environment. In addition, quick cooling by heat exchange, and the outbreak of bacteria in food is suppressed.

### Energy saving and environmental performance

The highly sealed chamber prevents the outflow of steam and reduces the amount of steam used, contributing to the improvement of safety and hygiene of the food manufacturing environment and energy saving. And achieved the lowest air consumption.

### Stable sterilization temperature control

Designed to improve temperature stability and conductivity of steam and cooling water.

### Drive system

Adopting a unique drive system to distribute the load of the retainer, Possible for chain's life extension and easy maintenance.

### Continuous shower cooling

The bucket-type retainer moves in a continuous manner and sprays the shower to prevent unevenness and achieve stable cooling.



Stand up pouch jelly / pouch jelly



Water removal machine (option)



Drying machine (option)