

Supports engineering for total production lines

Case study 1



Orihiro Plantdew Co., Ltd. Factory

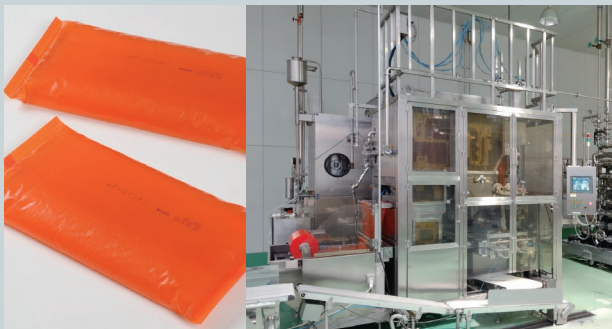
This is a production line that performs continuous sterilization and aseptic filling, centered on the aseptic packaging system designed and manufactured by ORIHIRO. The latest food safety management system (FSSC22000) has been introduced, aiming to provide higher level food safety, high quality and high added value products. It has various manufacturing equipment and sterilization processing equipment to handle aseptic food product manufacturing.



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Aseptic filling and packaging system

Here production line layout centered on a aseptic packaging filler for flexible packaging. Filled with aseptic liquid and viscous food. Aseptic filling and manufacturing of a wide range of foods using powder dissolvers, ultra-high pressure homogenizers, tube-type sterilizers, etc.



Pillow pouch

Pillow pouch aseptic filling and packaging machine Onpack-AF2000



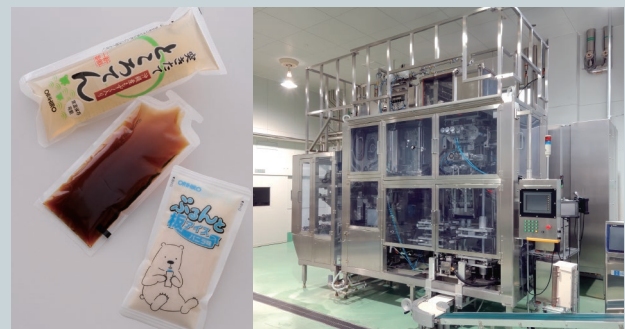
Standing pouch

Standing pouch aseptic filling and packaging machine Onpack-AF3030



Sachet pillow pouch

Double head pillow aseptic filling and packaging machine Onpack-AF3030P



4 side seal pouch

Double aseptic filling and packaging machine Onpack-AF3030-4S

Case study 2



Orihiro Morezeria Co., Ltd. Factory

You can see integrated production lines from preparation to packaging filling, sterilization / cooling / drying, and automatic packaging for two production lines: standing pouch jelly and T pouch jelly. Various automatic systems such as all-in-one Onpack filler, six-head continuous packaging that greatly improves productivity, and Onpack outer packaging system that automatically adjusts the total weight of six small bags.

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Standing pouch jelly production line

Preparation room

Manufacturing begins with the preparation of raw materials. Based on the researched and developed specifications for the best texture and taste, each ingredient is accurately formulated and stirred well.



Packaging & filling

Standing pouch bag filling and packing machine "Onpack-13000" makes standing pouch with spout.



Sterilization, cooling, drying

This is an original machine developed by Orihiro to efficiently sterilize pouch products. From sterilization with 85 °C steam to cooling is performed consistently and efficiently. After that, moisture on the package surface is thoroughly dried for cooling.



Automatic packing line

In the automatic packing line, the received standing pouch products are automatically packed into a shipping package using a robot.



Standing pouch products

This integrated production line produces standing pouch products with easy-to-drink spout and high display effectiveness at stores.



T-pouch jelly production line

Packaging & filling

The 6 head T pouch bag filling and packing machine "Onpack-TPC6" can pack 6 pouches at the same time, greatly improving productivity. The jelly material pumped from the preparation room is filled and packed at a high speed of 360 bags per minute.



Sterilization, cooling, drying

Filled and packaged T-pouch products are efficiently sterilized, cooled, and dried using a machine developed uniquely by Orihiro.



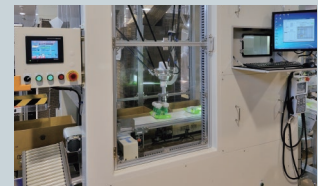
Outer bag filling system

"Combination weighing" is automatically performed by computer scale. Exterior packaging is performed by the "Onpack-2030SR", a bag making and filling machine dedicated to solids.



Automatic carton packing line

Products packed in six sachets are automatically boxed into shipping packages by an automatic packing machine using an air vacuum robot.



T-pouch products

Such an integrated production line can produce safe T-pouch products.

