

CS-800 Doypack Pouch Surface Water Removing Machine



CS Series drying equipment is suitable for heating water sterilization and steam sterilization production. It can remove the water directly from the packed bottles, sachets and cups. It is widely used in Food industry, Pharma industry, Beverage industry and Milk industry etc.

1. Product Performance

CS series automatic water removing machine is for removing water of hot water sterilized product or steam sterilized product. It is for removing residual water on surface of sterilized product, then can pack directly. The machine can be widely used in food, beverages, condiments, dairy, pharmaceutical and other industries, especially for vacuum-packed foods, bagged meat, bagged bean made product, popsicle, liquid milk, jelly, pickles, mustard and other industries.

CS Series automatic water removing machine is made of stainless steel, frequency speed control, with smooth operation, beautiful shape, small size, high efficiency of water removal. Removing water of product surface, only need high pressure, constant temperature air to complete, removal rate is over 99%. It can also removal of oil, incrustant and other effects, which is the other similar devices are not available. The machine does not use steam heated to high temperatures, which greatly saves energy (over 50%), reducing the cost of water. Also avoid the product of a "second sterilization", to ensure the appearance of the product, the quality characteristics.

2. Principle of Operation

In the food, beverage, pharmaceutical and other industries, some of the finished product after package needs to be sterilized in hot water or steam. After sterilization a lot of water attached to the surface of the packed product, the water on the packed product should be removed before packaging. CS automatic water removing machine is specially designed for removing surface water.

The package which should be removed of water (bags, boxes, bottles) can be placed on a continuous stainless steel mesh conveyor enter into the water removing airway tunnel, machine generate high-pressure, thermostatic airflow spray from upper to lower from a nozzle. So that can remove the water, oil and incrust ant of packed product surface. CS series water removing machine can run continuously, can connect with production line to improve production speed.

Technical Parameters

Model	CS-400	CS-800
Voltage(V)	380	380
Conveyor Width(mm)	400	800
Pump(kw)	7.5	15
Conveyor motor(kw)	0.25	0.37
Conveyor Speed(m/min)	6--15	6--15
Machine weight(kg)	320	320
Machine size(mm)	2000*850*1250	2500*1250*1350
Capacity(T/h)	1.5	3