SaintyCo

Pharma Process & Packaging

www.saintyco.com

TW-600

Tray Washer & Dryer Machine



Tray Washer

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TW-600

The Automatic Tray Washer is the automatic solution for tray cleaning. The tray washer uses high pressure pumps to send heated water to multiple spray nozzles that blast away gummy residue as the tray is conveyed on an all stainless chain. After initial rinse and cleaning stations, the tray is conveyed past an air knife that blows off excess moisture from the washing process.

The container sterilizer is cleaned at high temperature(above 80℃)and high pressure (0.2~0.7Mpa)to achieve the purpose of cleaning and sterilizing basket and tray. The water on the surface of the basket and tray is removed by high pressure and large flow air knife.



"We're Different, We've Always Been Different!"

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Feature:

Disassembly and cleaning, the whole machine over current components (pipeline, pump head,impeller)and the air blade can be easily disassembled and cleaned to avoid bacterial contamination. The pharmaceutical grade seamless welding process is adopted to ensure smooth and consistent welding seams inside and outside the pipeline, which can ensure no bacterial residue after cleaning and avoid secondary pollution to the workshop environment.

- During the operation of the equipment, three water tanks are used to replace the water, and the cleaning water is recycled through multi-stage filtration.
- Heating speed is fast and energy consumption is low.
- The cleaning process does not require the addition of any detergent.(No detergent solution procurement and sewage discharge costs)
- Choose first-line brand electrical components, high efficiency, energy saving.
- The air drying system designed by kangda effect has high efficiency and low energy consumption.
- Compared with the traditional cleaning method, it can save water and electricity energy consumption, improve production efficiency, and recover the cost in 1-2 years.



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Pre-Washing Section
Plays the role of soaking, preliminary separation of the dirt attached to the container, and pre-wash filtration to discharge the debris



Main Washing Machine
High pressure water pumps to clean event the most stubborn gummy residue.

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Rinse Section
Rinse the stains and fine residue on the surface of the container again



Clean Water Washing Part
Rinse the basket again with clean running water to thoroughly clean the basket :
① Final cleaning ② Cooling down
③ replenish water

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Trun Cage Filter Water Tank
Filter , discharge large pieces of residue and debris.



Filter Water Tank

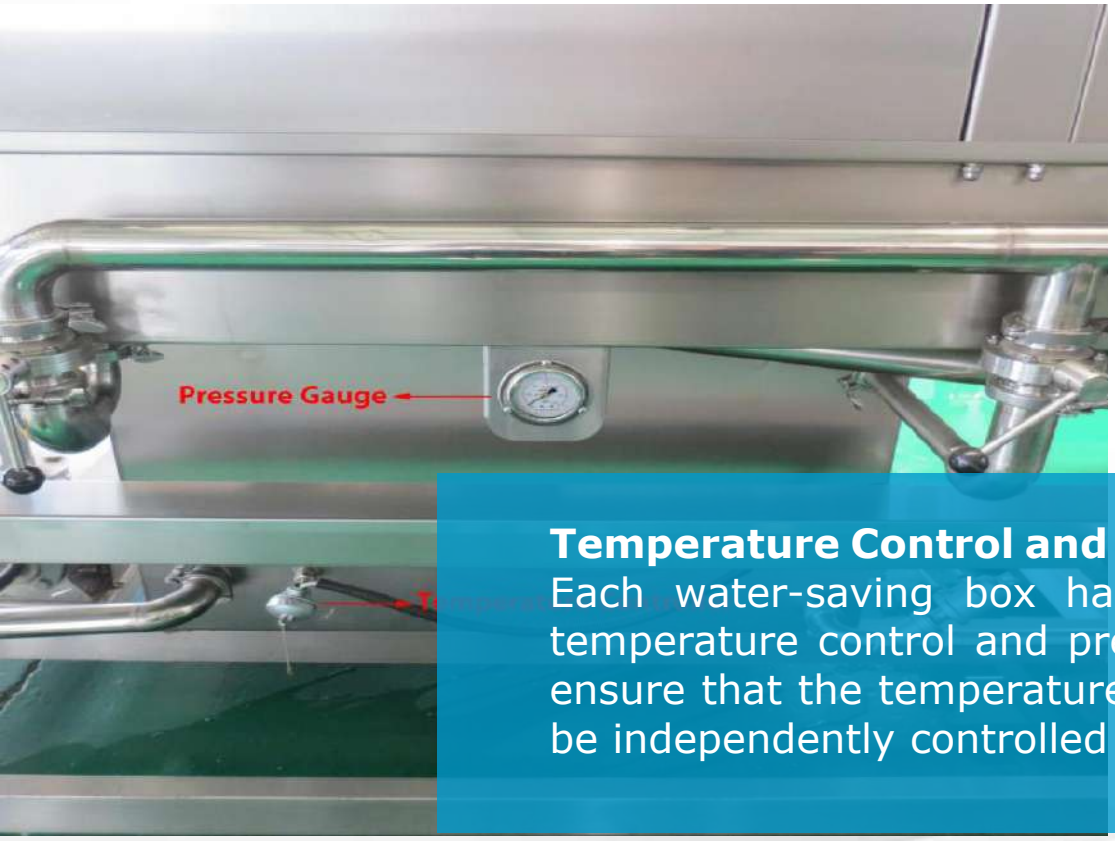
Filter

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Filter Water Tank



Temperature Control and Pressure System
Each water-saving box has an independent temperature control and pressure system to ensure that the temperature and pressure can be independently controlled

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Dryer Machine

Through fan manufacture high pressure large flow of compressed air compressed air into the air knife, in the form of a thinner air chip high-speed blow out, by the fact of effect principle and geometrical shape of air knife to slice to drive the larger 30 ~ 40 times the air to form a thin high-strength big impact air curtain to impact of airflow cleaning after the surface of the turnover box, blowing turnover basket of surface water from the surface of revolving basket, so as to realize the function of energy saving, high efficiency in addition to the water.

Dryer Machine

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Out looks of Air blower Dryer

The free water on the inner and outer surfaces of the plastic tray is peeled off by six air knife cuts, and the large air volume centrifugal fan is used. The water removal rate of the surface of the plastic tray after the wind removes the water is 70%-80%.



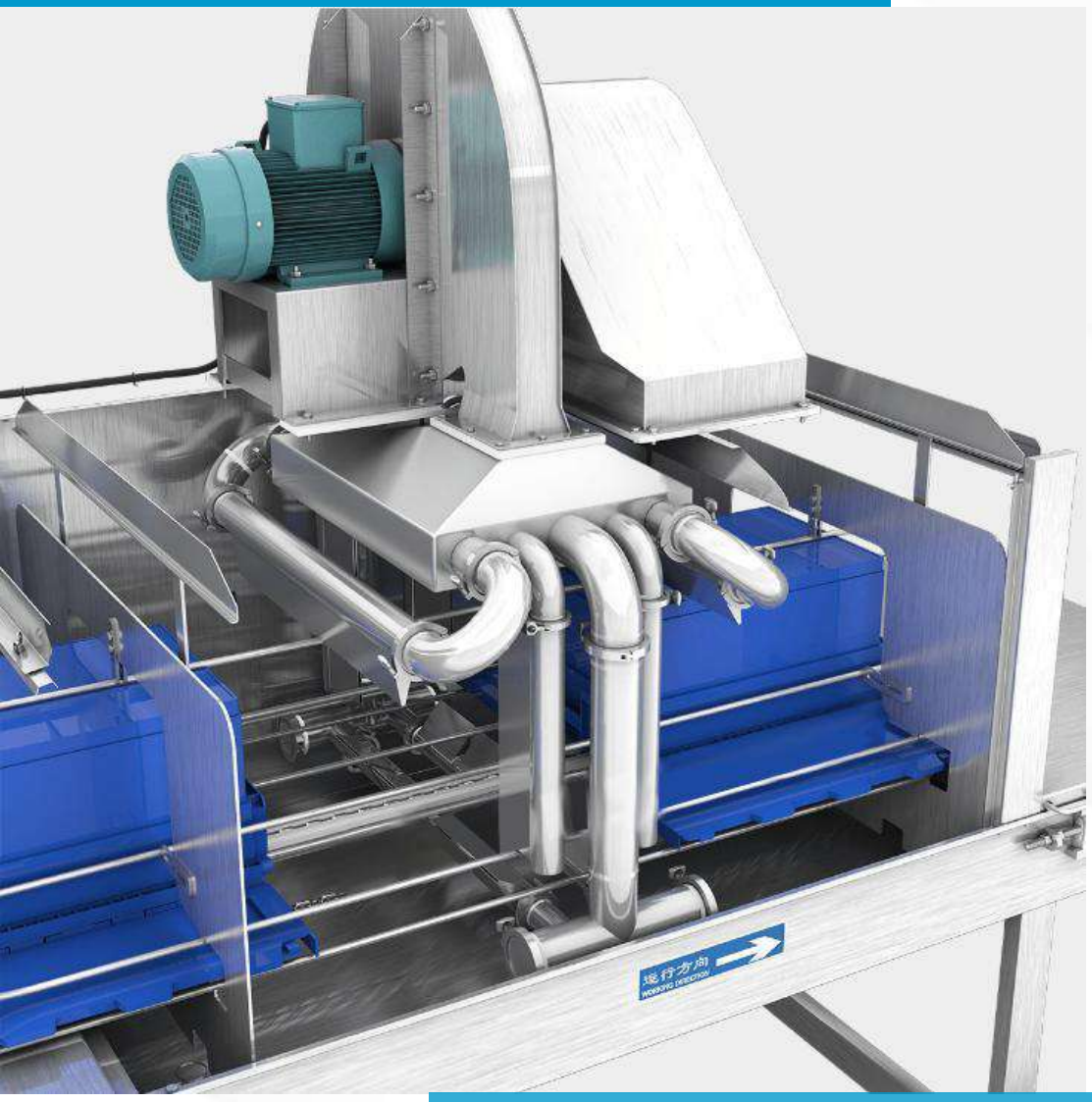


Inset Air blower Dryer

For your inference

Dryer Machine

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Air blower knife Option 1
According the pan to choose the knife type

Tray Washer & Dryer

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Technical Data	TW-600
Tray Washer	
Product Capacity	100-400 pcs/h
Electric Power	86.5 kW
Dimensions	6000×1850×1650mm
Heated Way	Electric Heating
Water Consumption	0.2-1.5m^3/h
Air Drying Machine	
Product Capacity	100-400 pcs/h
Electric Power	16.75kW
Dimensions	3000×1300×2050mm

SaintyCo Also Offer:

- Gummy Counting Bottle Packing Solution
- Automatic Weighing Bottling Production Line
- Sugar sanding drum
- Gummy Coating Pan
- Gummy Molds
- Pouch Packaging Machine

For additional information, please drop E-mail to info@saintyco.com

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