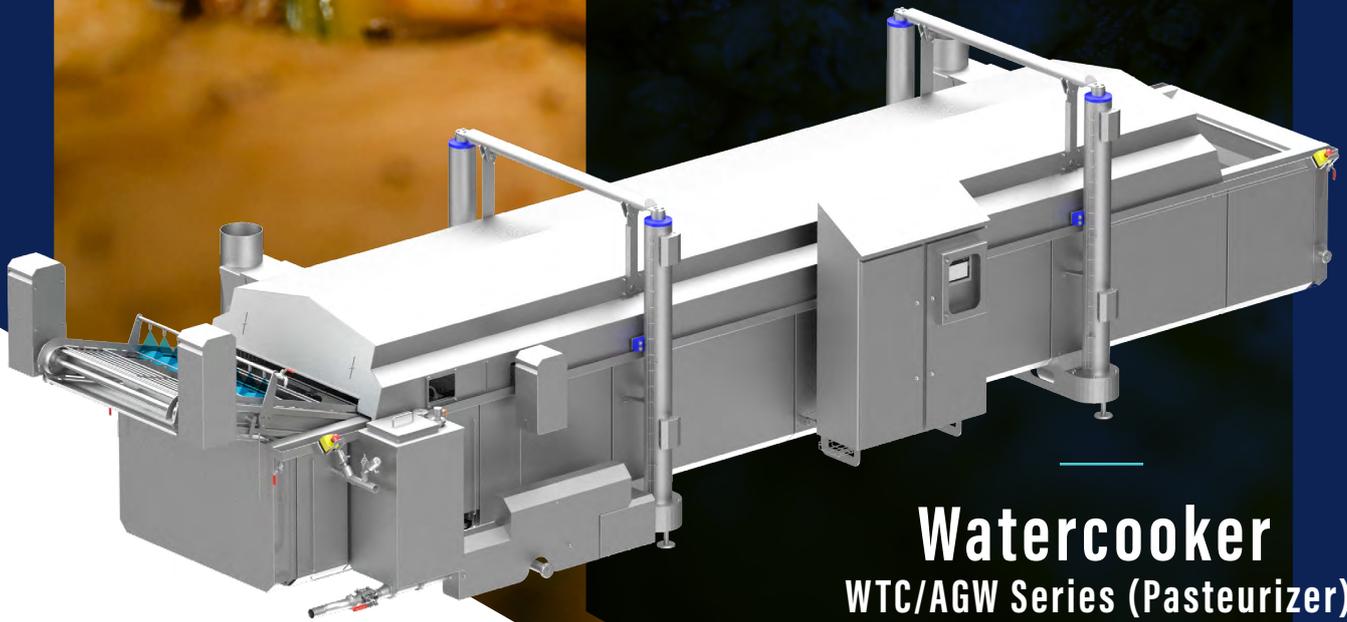


Cooking systems



Watercooker
WTC/AGW Series (Pasteurizer)

Cooking systems

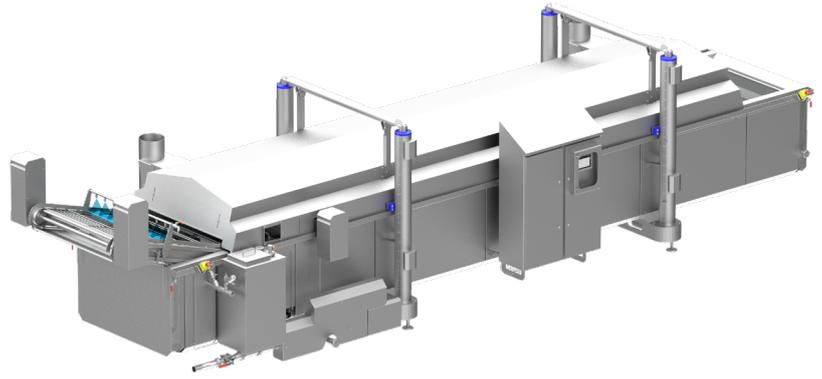


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Watercooker - WTC/AGW Series (Pasteurizer)

The HiTec Water Cooker, versatile, custom-built water cook and chill systems are designed to sous vide cook, blanch, pasteurize, and chill a wide range of production needs, perfectly for processing vegetarian products, burgers, frikandellen, meatballs and lots more. Engineered with food safety, EHEDGE, efficiency, and footprint in mind.



Details:

- The space between the lower and upper belts have a fixed distance.
- The substructure is insulated and covered with stainless steel.
- The superstructure is not insulated and is lifted from the substructure by 4 spindle lift columns, during this phase the upper belt and the lower belt also rise. This makes everything accessible for cleaning.
- The temperature, water level, pump control and belt speed are controlled via a PLC control with touchscreen interface. (Siemens) incl. Internal modem, for remote service and analysis.
- Completely built in accordance with the latest hygiene guidelines (EHEDGE)
- Water temperature 99 degrees, Stay-in time fully adjustable.

The HiTec pasteurizer are equipped with a lower and upper belt, which ensures a guaranteed residence time and product output. The stainless steel lower belt has low carriers because of the possibility to produce round products., a scraper belt is installed in the bottom for removal of particles.

The upper belt has carriers which ensure that the products remain in place during the cooking process. Heating by means of indirect steam heating, a continuously controlled valve and the temperature control via the PLC ensure an accurate temperature in the well line.

At the product inlet there is a propelling adjustable water flow, this is towards the outlet side, the flow ensures a constant water temperature and product distribution at the inlet at the formed products. The pump tray on the outlet side is fitted with a coarse filter. Automatic water level control by means of radar sensor. This allows the water level to be infinitely adjusted.



The HiTec Water Cooker

Optional

- Rotating particle drum
- Scraper belt
- CIP etc.

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