

First KRONEN GEWA washing machine with self-cleaning water filter for the highest level of kosher production

According to individual customer requirements, Kronen engineers have developed a GEWA washing machine with integrated water filter. The challenge was to develop a filtration system that would clean itself and not interfere or interrupt the wash water process. Furthermore, the customer wishes of kosher food production were taken into account in machine development.

The Kronen company has succeeded in modifying the GEWA washing machine to meet the needs of the kosher market. The washing of iceberg lettuce, white and red cabbage is of particular importance for the customer's requirements. The vegetables are certified by a rabbi before the sale and receive the Hechscharim (certificate). This seal of quality also promises a higher degree of food safety, in addition to the state requirements for food control. The entire wash water is continuously pre-filtered through a slot screen drum at each cycle to 0.5 mm and passes completely through the special filtration.

With this innovative Kronen GEWA washing machine, freshcut salads, herbs and vegetables are washed thoroughly and carefully in a continuous flow process (without mechanical immersion) with the kosher requirements according to purified water. The machine is equipped with a number of following modules and features:

- The process water runs through the self-cleaning water filter and is returned to the wash tank as "kosher" water. The integrated display shows when the filter system cleans itself and the polluted water is drained. The rinsing process is optimized for water consumption. The digital display is used for tracking and does not require active operation. This prevents the washing process from being interrupted and the filter can clean itself.
- The **Water Management System (WMS)** offers an additional advantage. It enables centrally controlled filling and emptying of the washing machines. During operation, the water level in the washing machine is automatically controlled via an additional level sensor. If the water level drops too low, the pneumatic inlet valves are automatically opened and the GEWA is supplied with kosher fresh water. The system includes two valves for filling and two for emptying the machine, as well as the necessary piping. The WMS is operated via the control box of the washing machine.

Further features:

- Insect removal as basket version
 - Lateral fines removal drum
- And many more ...

Technical data GEWA 5000V PLUS

Capacity, e.g. white & red cabbage: up to 2500 kg / h
Voltage: 400 V, 50 Hz, 3 Ph (other voltages upon request)
Total power: 17 kW
Total water volume: 1700 l
Water filter: 140 Mesh / 100 micron

Meaning of kosher:

"Kosher" means that the designated foods are suitable for consumption according to the Jewish religious law ("Halacha").

If you also have special customer requirements and want to go new ways in the food industry - as well as to serve this interesting and promising market, then you are right at the Kronen company. Please do not hesitate to contact us! We look forward to your inquiry.

About Kronen GmbH

Kronen develop and manufacture single and special machines as well as complete processing lines according to their customer's requirement, all over the world – high-duty machines for washing, cutting, dividing, peeling, de-watering, drying, and packaging.

Today, KRONEN has 90 employees and is a globally operating supplier of machines and systems for the catering-, delicatessen- and food industry with representations in over 55 countries and is selling its solutions in over 85 countries worldwide. Due to the close co-operation with our customers and international partners, we consider it our commitment to keep traditional values such as quality awareness but also to react creatively and actively to the challenges of the global market.

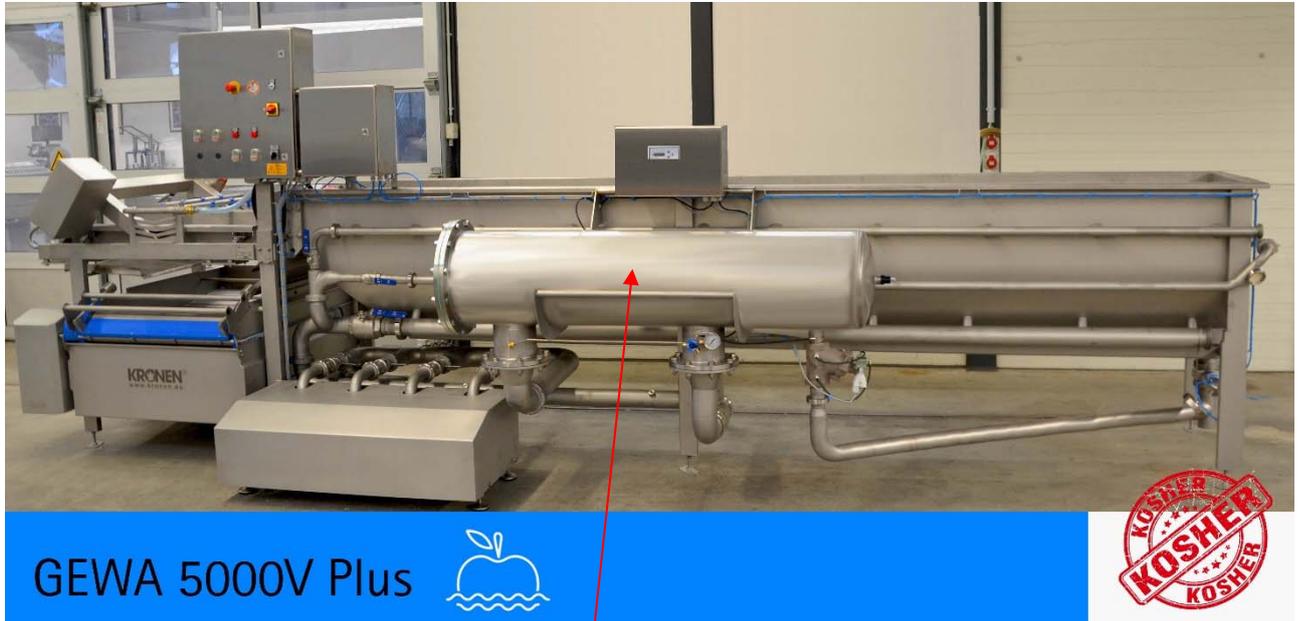
Wherever crisp salads, fine vegetables and appetizing fresh fruit are beautifully prepared in quantity – Kronen machinery is there, around the world – often in the most extreme conditions.

More informationen: www.kronen.eu

Contact person:

Kathrin Benz
KRONEN GmbH Nahrungsmitteltechnik
Römerstrasse 2a
77694 Kehl am Rhein
Tel. 07854 9646-160
Fax: 07854 9646-5160
Email: kathrin.benz@kronen.eu
www.kronen.eu

Picture:



GEWA 5000V PLUS – Water filter in the center of the picture