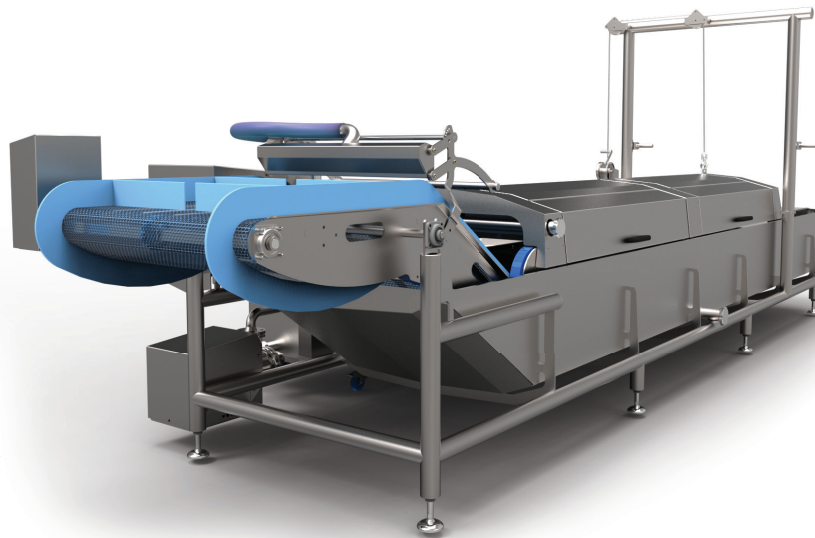




# foodlife MULTIFUNCTIONAL WASHER



## DETAILS

foodlife has designed a highly flexible washing solution that can be used for various kinds of fruits and vegetables. The multifunctional washer is designed to remove adhering soil particles and debris from the surface of the products. By keeping the product in constant motion, the entire surface of the product is submerged and washed. While product sits in between two flights and the belt speed is to be controlled the retention time can be controlled very accurate.

### Functional description

The product is discharged into the wash tank in a constant flow. The water reduces the impact and minimizes product bruising. The water flow pushes the product towards the transport conveyor. Heavier sinking products sink straight onto the conveyor. The transport conveyor is perforated to allow the passage of sand and small heavy debris. The conveyor is adjustable in speed and equipped with flights and running side guides.

### Wash section

The product, floating between the flights of the conveyor is sprayed by overhead nozzles. The nozzles not only clean the surface, but also cause the product to rotate, guaranteeing a proper washing result.

### Pump tank with filter

The pump tank is positioned on the right hand side of the washer and is covered by a wedge wire filter deck. Water, with floating debris, flows over the top of the weir and onto the static filter. The pump takes the water from the pump tank and recirculates the water to the spraying nozzles and the water injection jets.

### Discharge section

The conveyor rises and lifts the product from the wash tank. The product is rinsed with an overhead fresh water nozzles, also the fresh water is used to replenish the water in the pump tank. After rising out of the water, the conveyor runs horizontally again and discharges the product.

### Construction & Design

The foodlife multifunctional washer has a full hygienic design and is very easy to clean. Round materials are used whenever possible to ensure proper hygiene. The machine is constructed of Stainless steel(304) and food grade polymers.



**foodlife** <sup>lifpt</sup>  
future of food processing

designed and made in Holland 

[www.foodlife.nl](http://www.foodlife.nl)