

# KERRES Cleaning Systems

Tunnel Cleaning Units  
cleanline



**KERRES**  
anlagensysteme



# Special cleaning systems for the food and nonfood industry

High-tech for maximum performance:

## Tunnel cleaning units cleanline

The Tunnel Cleaning Units cleanline have been developed especially for the cleaning of heavy soiled boxes and equipment. They can be used for the cleaning of plastic and metal totes, pallets, ham and pastry moulds in all areas of the food and nonfood industry.

The hygienic equipment of this unit type is conform to the strict regulations of the food industry.

Thanks to modular design you can plan your unit individually and extend it later at any time.

## Optional accessories:

- intake module (cleaning of pallets)
- pre-wash module for boxes with a lot of rest blood or very heavy soiling
- pre-wash module (needed when the hygienic requirements are very high)
- cleaning of ham and pastry moulds: high pressure module
- cold air drying
- hot air drying
- rinse water boiler 30 kW (waterinlet 10°C) and 12 kW (50°C) rinsing with steam
- heat exchanger
- medium-pressure and main-wash pump
- tank heating with heating coils
- self-cleaning drum filter
- detergent dosing pump
- steam exhaust
- cleaning of pallets (machine operating width 900 mm)
- Intake and outlet coveyor with drive
- Intake and outlet conveyer without drive.
- container return for one-man operation
- stainless steel self-cleaning drum filter with return pump and catch-basket in the pre-wash zone
- high pressure zone
- connection 3 x 230V/ 60 Hz, outlet module
- special voltage possible



with Siemens control for highest requirements\*



\* optional

# Tunnel Cleaning Units cleanline

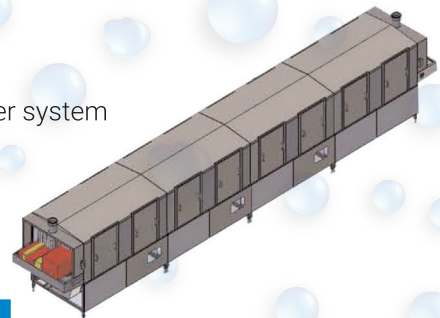
## At a glance:

- unit completely made of stainless steel
- drive adjustable
- large doors for cleaning and maintenance
- the unit corresponds to hygiene standard
- modular design - extendable at any time - for example with modules for: remove of labels, cleaning of pallets, cold air and hot air blow-off, cleaning of moulds
- large variety of accessories and options

## Your benefits:

- quick and efficient cleaning and drying
- economical
- environmental friendly
- simple cleaning of the unit
- modular design
- completely made of stainless steel
- hygiene standard with an high developed filter system
- available in all current heating methods

also 2 lanes available!



## Technical data

	200	400	600	800	1000
<b>Water consumption</b> l/h	400-420	400-420	400-420	400-420	400-420
<b>Operational capacity</b> , EU-boxes depending on the degree of soiling	up to 200	up to 400	up to 600	up to 800	up to 1000
<b>Main wash pump</b> stainless steel, bar	5,5	5,5	5,5	5,5	5,5
<b>Total connection without heating</b> , kW	6	6	11,5	17,5	23
<b>Steam connection</b> , kg/h	55	55	55	110	110
<b>Steam consumption</b> , with option rinse tank <b>electricity</b>	28 kg/h 27 kW	28 kg/h 27 kW	28 kg/h 27 kW	28 kg/h 27 kW	28 kg/h 27 kW
<b>Tank heating electr. 1m module</b> , kW	27	27	27	27	27
<b>Tank heating electr. 2m module</b> , kW	36	36	36	54	54
<b>Dimension</b> cm, l x w x h	315x115x17	427x115x170	530x115x170	745x140x170	960x140x170
<b>Tank capacity</b> , l (each modul) for pre-washing and main washing	400 l	400 l	400 l	400 l	400 l

Subject to technical modifications





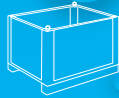
**E- Crates**

Modular Tunnel Cleaning Unit for E1-E3 Crates for small business and industry.



**Charging trucks**

Compact Cleaning Unit for charging trucks 200 and 300 L.



**Bigbox**

Cleaning Unit for Paloxes and Big Boxes



**Smoke Truck**

Cleaning Unit for Racks and Smoke/Cook trucks.



**Palette**

Tunnel Cleaning Unit for Paletts



**Smoke Sticks**

Cleaning Unit for all kind of smoke sticks

## KERRES cleaning-systems: The unit expert for the industry

Since 1966 KERRES has developed and manufactured units for the food processing. We don't only use our long-standing experience for improvement units for drying, smoking, cooking and roasting. Development and production of cleaning systems, especially the cleaning of equipment of the food production are part of the KERRES portfolio, too.

Thanks to our years of experience we know that the cleaning of devices and units must be hygienic, comfortable and economical. The flexible design of our units provides the right system for all requirements and each size of business and guarantees a smooth integration into each company.

Whether special washing units for transport or charging trucks or complete box passage washing units. From the planning stage and installation to the service we stand by our customers- prompt, reliable with an over fifty-year experience in over 80 countries.

"Our target? Tomorrow to be always one step further than today. At KERRES, we use our industry experience and our highly motivated personnel to provide our customers with the highest level of quality, unsurpassed reliability and the most innovative technology advancements to date, in all of our products. This is our promise to you, for today and well into the future"

### Your KERRES Team



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