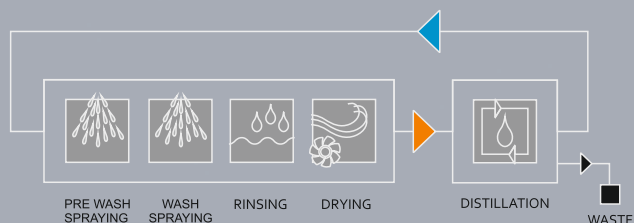




INDUSTRIAL CLEANING SYSTEMS



TUNNEL Washers SPRAY-CAST 3000 series

**Washers dedicated to washing
and degreasing mass produced parts.**

To accommodate the highest requirements the SPRAY-CAST 3000 tunnel washers are always tailor made to the application considering: the kind and quantity of contamination, size and geometry of the washed parts, the expected throughput and cleanliness requirements.



The washing stations are designed and manufactured according to individual customer needs.

The devices comply with European safety and environmental standards.

The devices high throughput, high quality and high repeatability of the cleanliness results is possible due to the incorporated unique technologies like innovative bath regeneration systems among others:

- self-cleaning filtration systems
- high efficiency separation centrifuges
- oil separation systems
- ultra innovative vacuum based distillation systems
- The SPRAY-CAST 3000 tunnel washers can work with tailor made solutions enabling integration with existing production plant infrastructure like:
 - conveyor belts, transport platforms, lifts, weights, etc.
 - automatic handling systems, robots
 - control systems integrated with the plant

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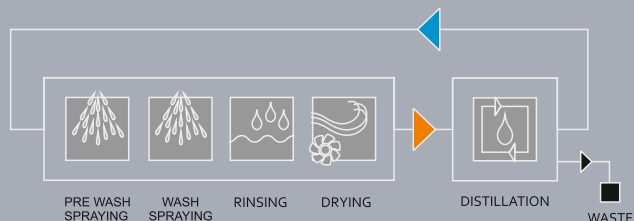
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INDUSTRIAL CLEANING SYSTEMS



TUNNEL-STEP Washers SPRAY-CAST 3001 series

Tunnel-step washers are designed to fulfill high cleanliness requirements while being relatively small in size. The basket with parts through an automatic transportation system is conveyed to the sequent process chambers in which it is washed, rinsed, rinsed with demineralized water, passivated and dried.



Each process chamber is separated from the others with a pneumatic bulkhead and a leak tight unique sealing. This solution eliminates the bath mixing of the neighboring processes. The biggest advantage of this solution is the lack of need to separate the processes with a long empty inter zones resulting in shortening of the machine even in half when compared to the traditional tunnel washer.

A tailor made spraying manifold design accommodates even the most complex geometries of the washed part assuring the highest cleanliness results.

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