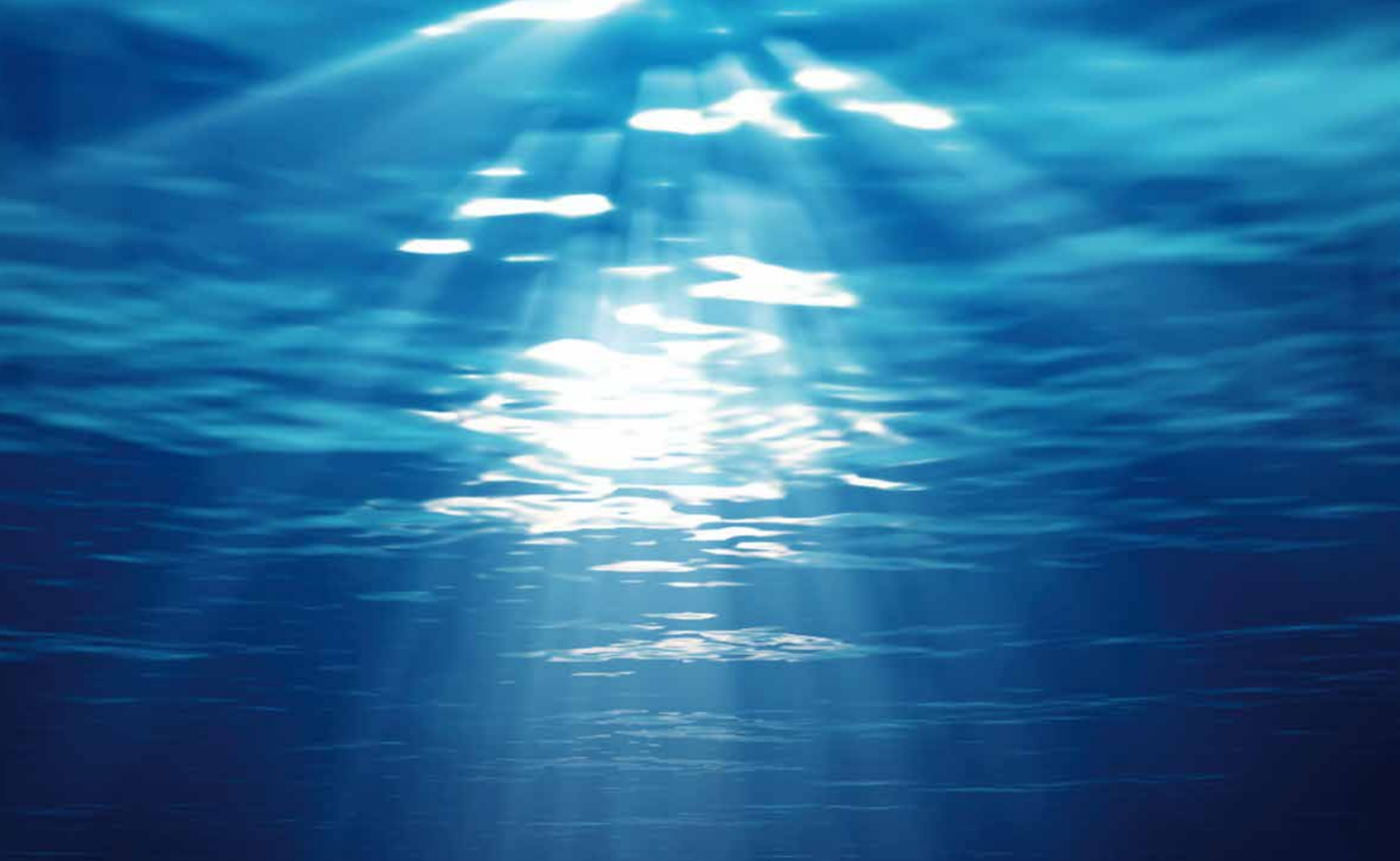


Pacific



Systems for large parts





Pure Technology.

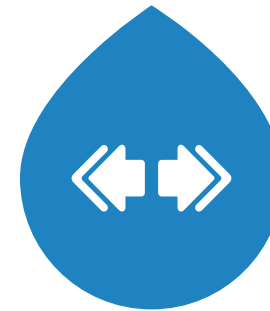
Customised cleanliness

Efficient cleaning despite increasing requirements for the technical cleanliness of products? Our solutions help you as a user to master this challenge. Each system is individually designed, because different customers can have very different requirements.

Our consulting and engineering staff can rely on their experience from numerous completed projects. Cleaning trials with original components at our Technical Centre give you as the user the reassurance of a safe investment for your facility while also determining the exact parameters for cleaning chemicals, time and temperature.

BvL systems deliver reliable cleaning for your components and can be integrated seamlessly into your production line. They are easy to operate and comply with the strict guidelines of the automotive industry. They are also designed in compliance with the Machinery Directive 2006/42/EC, C standard EN 12921 and the German Accident Prevention Regulations (UVV).

- Sturdy design & long service life
- Guaranteed cleaning success
- Intuitive operation
- Easy access for easy maintenance
- Quality components from renowned suppliers
- Quality "Made in Germany"
- Specialist firm in line with the German Water Management Act (WHG), certified management systems



Pacific



for components with very large outside dimensions

for components with very high weights

for components with very high contamination loads

many loading options and conveying variants



Variants

PacificTA as a flow-through system with overhead conveyor



Brief description

PacificTA is a large volume spray cleaning system. The processing steps are carried out in a chamber. Cleaning is provided by an oscillating special nozzle system.

Basic system

Cleaning system:	spray cleaning with flat spray nozzles
Operating principle:	oscillating nozzle system with stationary component
Number of tanks:	single-tank or multi-tank systems
Loading:	from the front
Housing:	stainless steel
Tank insulation:	stainless steel
Control and operation:	Siemens Simatic with Siemens touch panel
Bath monitoring:	Libelle Fluid Control

System examples	Unit	Ex. 1	Ex. 2
Effective length	mm	2,200	5,000
Effective width	mm	500	2,500
Effective height	mm	1,550	2,700
Load capacity	kg	3,000	25,000
1-tank system: Tank volume	l	3,800	
2-tank system: Volume tank 1	l		9,000
Volume tank 2	l		5,000
other technical data and on-site services on request			

Strong and huge.



Cleaning technology

- the surrounding nozzle frame oscillates along the component; the nozzle arrangement also allows cleaning from the front
- a separate nozzle frame for each tank reduces mixing
- nozzles and nozzle frames adapted to the component
- front and rear nozzle frames can be added (optional)
- adaptation of useful dimensions, loads and pump capacities



Processing steps

The processing steps are carried out in a chamber:

- spray washing
- spray rinsing (for multi-tank system)
- circulating air drying (optional)



Options and supplements

- drying systems
- handling systems: stationary front table, charging carriage, cross movement table, automatic loading systems
- increased pump capacity spray pressure increase, integration of a manual lance
- bath maintenance measures (e.g. filtration systems, oil separator)



Smart Cleaning

Intelligent cleaning with **BvL** apps and digital networking!
Transparent process information for predictive system diagnostics and maintenance: efficient and automatic.



Variant
PacificTA with scissor lift table and automatic drive-in and drive-out device



Variant
PacificTA with floor-level loading and chip discharge conveyor



Variant
PacificDTA for pit installation with floor-level feed and discharge for continuous cleaning



Variant
PacificTA with pedestal, loading carriage and interior lighting



Variant

Elevated tank for systems with low loading height or pit depth



Optimum cleaning of large parts

PacificTA is ideal for very heavy, large components which are difficult to handle. Even very long components are cleaned thoroughly as the oscillating nozzle systems provides cleaning right near to the component. The intelligent multiple arrangement of the continuous nozzle frames allows very effective and fast cleaning. In many cases the cleaning system replaces complicated and time consuming manual cleaning which often produces unsatisfactory results.

■ Painting and coating processes

Painting and coating require a perfectly cleaned component surface. Workpieces are degreased, phosphatised if required and can be rinsed with demineralised water to professionally remove all traces of dirt and grease before the painting process.

■ Assembly processes

The functionality of the components has to be ensured after production, in some cases the components also have to be tested on the test bench. Production residue is removed by thorough cleaning and rinsing. It is a popular option to apply a temporary corrosion protection with the cleaning agent.

■ Repair work

In case of repairs, assessment and maintenance of the components is only possible after they have been cleaned. Strongly adhering contaminations are removed by cleaning in the medium to strong alkaline range and optionally rinsing. Well designed bath treatment and efficient bath maintenance is required for absorbing large amounts of dirt.



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Pure technology.