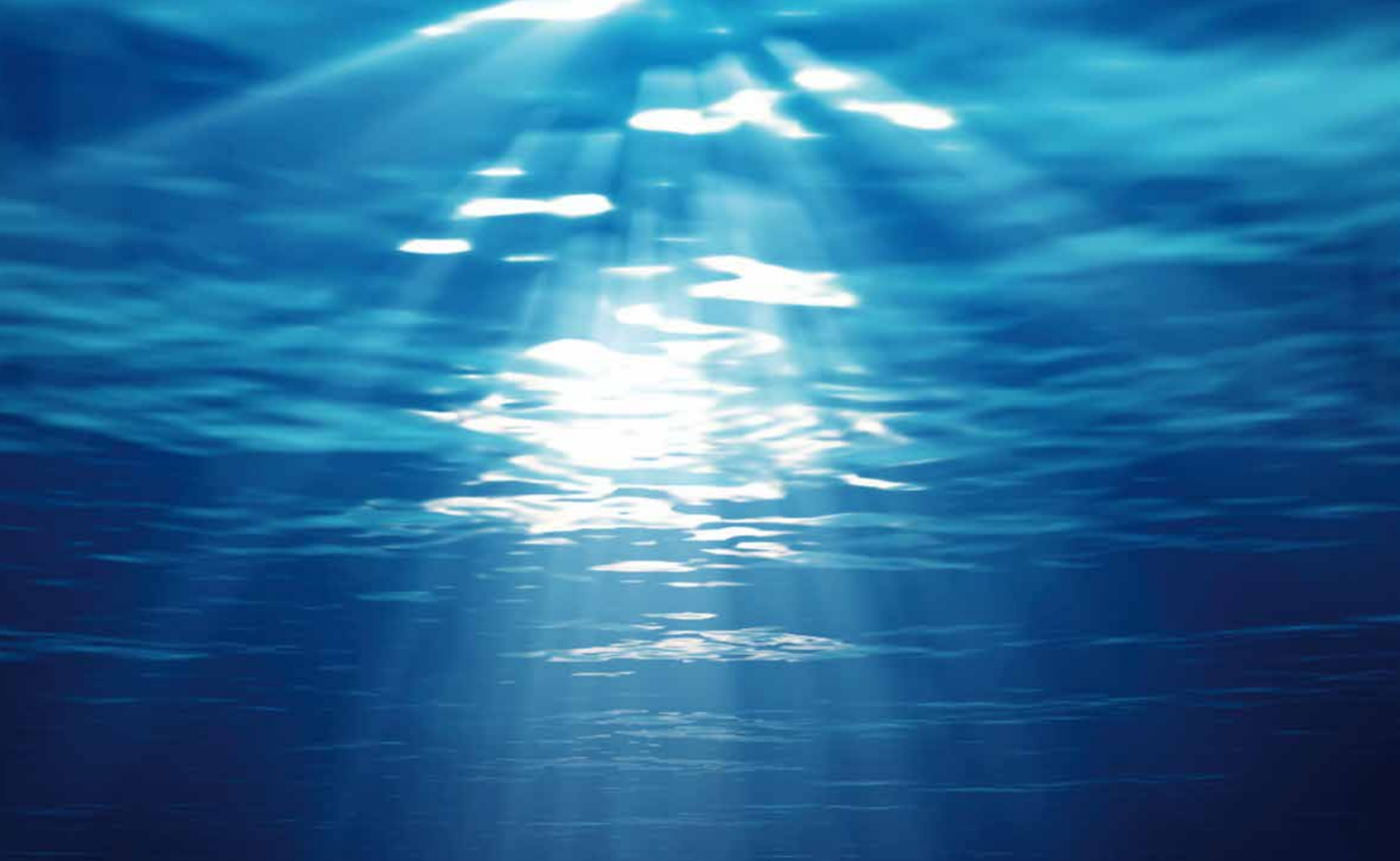


***Pacific***



**Systems for large parts**



**Pure Technology.**

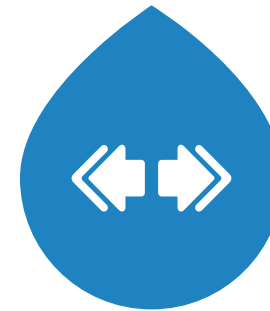
# Customized cleanliness

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

Our support and design staff can fall back on their experience from numerous implemented projects. Cleaning trials with the original components at our Technical Center give you, the user, the reassurance of a safe investment for their plant while also determining the exact parameters for cleaning chemicals, time and temperature.

**BvL** systems reliably clean your components and can be integrated seamlessly into your production processes. They are easy to operate and comply with the strict guidelines of the automotive industry. In addition, they are designed in line with the Machinery Directive 2006/42/EC, C standard EN 12921 and the German Accident Prevention Regulations (UvV).

- Solid design & long service life
- Guaranteed cleaning success
- Intuitive operation
- Easy access for easy maintenance
- High-quality components from renowned manufacturers
- Quality "Made in Germany"
- Specialist firm according to 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

many loading options and conveyor versions



**Versions**

*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
Functional principle:	Oscillating nozzle system with stationary component
Number of tanks:	Single or multiple 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	Example 1	Example 2
Usable length	in	87	197
Usable width	in	20	98
Usable height	in	61	106
Load capacity	lb	6,614	55,116
1 tank system: Volume of tank	gal	1,004	
2 tank system: Volume of tank 1	gal		2,377
Volume of tank 2	gal		2,377
Other technical data and on-site services on requests			

## 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)
- Usable dimensions, load capacities and pump capacities can be adapted



### Processing steps

The processing steps are carried out in a chamber:

- Spray washing
- Spray rinsing (for multiple 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: increased spray pressure, integration of a manual lance
- Bath maintenance options (e.g. filtration systems, oil separator)



### Smart Cleaning

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



**Version**  
*PacificTA* with scissor lift table and automatic carry in and carry out



**Version**  
*PacificTA* with ground level loading and chip removal conveyor



**Version**  
*PacificDTA* for pit installation with ground level feed and discharge for continuous cleaning



**Version**  
*PacificTA* with pedestal, loading carriage and interior lighting



#### Version

Elevated tank for systems with low loading height or pit depth



#### Optimal large parts cleaning

**PacificTA** is ideal for very heavy, large components which are difficult to handle. Even very long components are cleaned thoroughly as the oscillating nozzle system cleans right near to the component. The intelligent multiple arrangement of the surrounding nozzle frame 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, phosphatized if required and can be rinsed with demineralized 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, while temporary corrosion protection can also be applied where desired via 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 with optional rinsing. Well designed bath treatment and efficient bath maintenance is required for absorbing large amounts of dirt.



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**Pure Technology.**