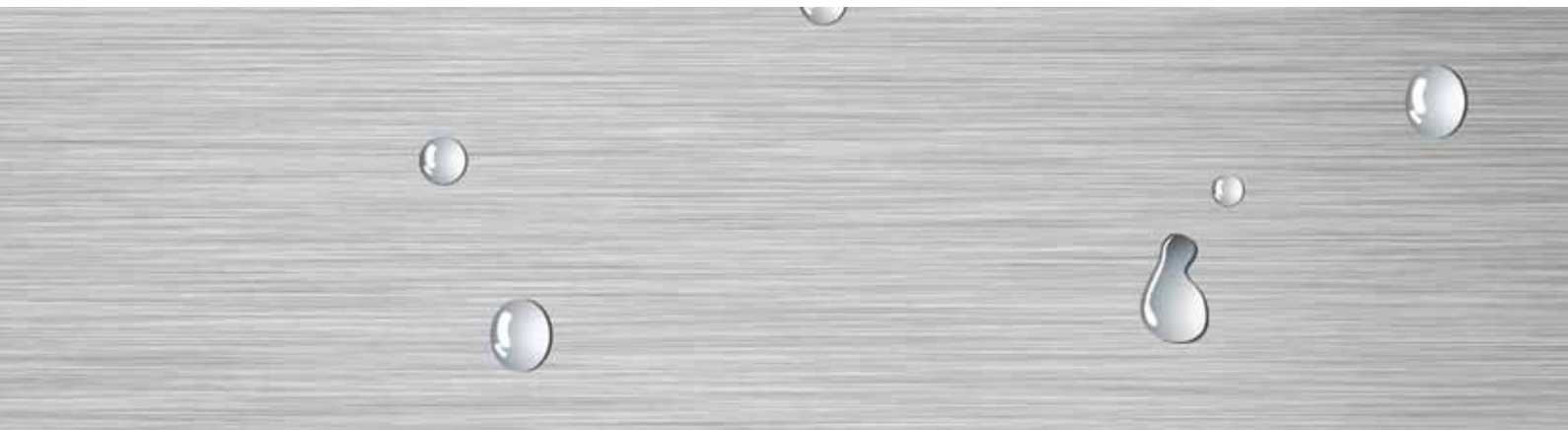


Pacific



Systems for large parts





Pure Technology.

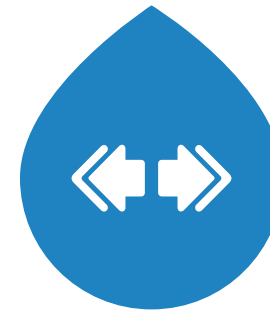
Customised cleanliness

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

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

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

- solid design and long service life
- simple operation
- easy access for easy maintenance
- quality components, e.g. from Siemens, Festo, KSB
- quality "Made in Germany"



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
Rotation:	oscillating nozzle system with stationary workpiece
Number of tanks:	1–3
Loading:	from the front
Housing:	stainless steel
Tank insulation:	stainless steel
Control and operation:	Siemens Simatic with operating panel
Bath monitoring:	Libelle Fluid Control

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

Strong and huge.



Cleaning technology

- the surrounding nozzle frame oscillates along the workpiece; 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 workpiece
- front and rear nozzle frames added (optional)
- max. permitted load and permitted dimensions adapted



Processing steps

The processing steps are carried out in a chamber:

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



Options and supplements

- drying systems
- handling systems: stationary front table, charging carriage, cross movement table, overhead conveyor or automatic loading systems
- increased cleaning performance: increased spray pressure, integration of a manual lance, individual design
- bath maintenance options: plate phase separator, belt filter, grease removal conveyor



Measuring bath contamination

New standard feature! On the occasion of our 25th anniversary, **BvL** are equipping all systems with the bath contamination monitoring system **Libelle Fluid Control** as a standard.



Version
PacificTA with scissor lift table and automatic drive in and drive out device



Version
PacificTA with rolling gate, filter system and heat exchanger



Version
Painted full housing, floor level loading, additional manual extraction of residual water from parts with recesses or cavities and Libelle bath monitoring



Version
PacificTA with pedestal, loading carriage and interior lighting



Version

Elevated tank for systems with low loading height or pit depth



Optimum pre-treatment

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 workpiece. The intelligent multiple arrangement of the surrounding 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 workpieces 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. Temporary corrosion protection is often applied by the cleaning agent, too.

■ Repair work

In case of repairs, assessment and maintenance of the workpieces 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.