



## **CLEANING TECHNOLOGY**

# Powerful, targeted and reliable

No chance for germs and contamination in tanks and vessels. Whether static, rotating, surge or target jet, AquaDuna's high-quality cleaning technology is perfectly adapted to different types of contamination and the tanks to be cleaned.

[www.aquaduna.com](http://www.aquaduna.com)

AquaDuna cleaners are characterised by a component-minimised and dead space-free design. Specific jet geometries, the number of nozzles and the speed of rotation allow the cleaners to be optimally adapted to your requirements. Another advantage is the effective self-cleaning effect, which prevents the cleaning equipment itself from becoming a source of contamination.

## Qualification and validation

All generated cleaning results are reproducible at any time. This significantly facilitates process validation and revalidation. AquaDuna supplies all the necessary certificates for the materials and assemblies used for fast and smooth processing of the system qualification. FDA conformity and cGMP compliance are just as much a matter of course as full service and expert advice tailored to your requirements.

Due to the special conception and technical design, our cleaners are extremely robust and can be used in any installation position.



The DUNOS O (left) and DUNOS O-S (right) target jet cleaners convince with their highest mechanical cleaning effect.



### DID YOU KNOW THAT...

you can also get all AquaDuna cleaners from your KIESELMANN customer advisor? We have been part of the KIESELMANN Fluid Process Group since 2009. Strong products for a strong group. New in the family, the target jet cleaners of the DUNOS O-S Silver series and the gear-controlled surge cleaner DUNOS R-F.

Sebastian Vogel  
Managing Director AquaDuna



Static cleaner DUNOS S  
For cost-effective cleaning.

Surge cleaner DUNOS R  
Jet angle from 180° to 360°.



Rotary cleaner DUNOS RN  
Powerful target zone cleaner  
for large vessels.



## ADVANTAGES

- > Low maintenance
- > Self-cleaning
- > Flexible installation position
- > High efficiency and high effectiveness

The optimised and low-loss flow through the cleaners ensures that the cleaning medium and energy introduced act where they are needed: on the surface to be cleaned. Combined with high surface quality and the stability of selected materials, the AquaDuna cleaning technology offers maximum operational reliability and economic efficiency in all respects.



Surge cleaner DUNOS R-F  
Gear-controlled, individual nozzle layout, optional support tubes.