



**System S&P**<sup>®</sup>  
The Natural Wheel  
Compact Module Sewage Plants



**Retrofitting, expanding and  
upgrading existing sewage plants**



## Retrofitting, expanding and upgrading existing sewage plants

Stricter wastewater treatment guidelines or increased sewage volumes, for example when new districts are added to the system, often mean that an existing sewage treatment plant must be expanded or modernized.

The last 30 years have seen significant improvements in the RBC process, e.g. denitrification in combination with rotating biological contactor (RBC) systems. Renovation kits are available for almost all RBC systems, including those from other providers, so that existing plants may also profit from these new developments.

It goes without saying that all RBC systems, whether from **System S&P**<sup>®</sup> or other providers, can be expanded by means of nitrification stages and upstream denitrification.

**System S&P**<sup>®</sup> renovates systems with a disc diameter of 1.5–3.0 m for all shapes of tank, including in hard to reach areas. In order to be able to offer cost-effective solutions, rotors are prefabricated as far as possible in our factory and only completed on site. If possible, the new component is delivered to the site ready for installation, and the exchange takes place whilst the plant is still running in order to minimise the environmental impact.

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