

RELIABLE DRIVE TECHNOLOGY FOR CONTINUOUS USE IN WASTEWATER TREATMENT PLANTS

Wastewater treatment plants operate 24/7. To ensure their drive technology meets the high demands relating to service life and system availability, we offer a wide range of high-performance drive solutions for the entire plant along with a comprehensive service portfolio for plant operators that includes repairs, inspections, maintenance, retrofits and 24-hour availability.



1

Inlet with screw pump – lifting of waste water to level of wastewater treatment plant – X series industrial gear units; helical, helical-bevel and parallel-shaft helical gearmotors



2

Screening system and wash – solids from water – helical-bevel and parallel-shaft helical gearmotors; frequency inverters



3

Treatment of screenings – washing and subsequent dewatering of screenings – helical-bevel and parallel-shaft helical gearmotors; frequency inverters



4

Sand trap with scraper and grit classifier – depositing of gravel, sand, earth and solids at reduced flow speed and discharging of accumulated solids – helical-bevel and parallel-shaft helical gearmotors; frequency inverters



5

Primary clarifier with scraper – depositing of lighter dirt particles at reduced water flow speed – helical, helical-bevel and parallel-shaft helical gearmotors; frequency inverters



6

Secondary clarifier with scraper – sedimentation of settleable solids – helical, helical-bevel and parallel-shaft helical gearmotors; frequency inverters



7

Septic tower – digestion and reduction of sludge, gas formation – helical, helical-bevel and parallel-shaft helical gearmotors; frequency inverters



SERVICE PORTFOLIO FOR WASTEWATER TREATMENT PLANT OPERATORS



REPAIR:

Our service experts are always on hand to help you with repairs, including work on third-party components. We carry out emergency repairs, functional repairs and as-new repairs. And if speed is of the essence, you can request a rush order or our on-site service.



INSPECTION & MAINTENANCE:

We recommend regular inspections and maintenance operations at all wastewater treatment plants to improve operational reliability and system availability, and also to identify potential damage early on. The support we offer includes gear unit diagnostics via examination with an inspection scope and oil checks to analyze gearmotor oil.



RETROFIT:

We update your system with state-of-the-art technology to increase its productivity and energy efficiency, reduce maintenance costs and ensure long-term availability of spare parts. Alongside plant modernization, the Retrofit Service also includes engineering, programming, visualization, full installation and startup.



24H SERVICE HOTLINE:

Our 24h Service Hotline gives you round-the-clock access to our service experts. In emergencies, you can rely on our support with technical issues and place rush orders for repairs. We ensure a rapid response and short downtimes.



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