

Retrofit Pumping Station Brandenburg

Application market	Construction	
Market segment	Canal & Well Renovation	
Pumped medium	Wastewater	
Pump product	Immersible	
Country	Germany	

Challenge

For the renovation of the pumping station at "Brandenburg, Rosa-Luxemburg-Strasse", the wastewater had to be temporarily redirected. The provisional bypass solution could not be installed in the existing basins due to the plant conditions; only an above-ground installation was possible.

Solution

Installation of two **Hidrostat Screw Centrifugal Submersible Pumps with internal cooling**, installed above ground and dry in the inlet of the pumping station. With the vacuum system supplied upstream of the pumps, the suction head in the existing basins was easily overcome. Remote control for continuous monitoring and control of the system completed the installation.

Benefits

Refurbishment work in pumping stations, as in this case, requires fast and uncomplicated provision of temporary pumping systems. These systems are configured, delivered complete from the rental park, installed on site, and finally put into operation by **Hidrostat**. Remote monitoring provides information in case of deviations and irregularities and allows rapid intervention in the event of problems and malfunctions.

- Reliable and robust pump solution thanks to the **Hidrostat Screw Centrifugal Pump** with large free passage and excellent properties for pumping raw sewage.
- Complete delivery, installation, and commissioning of the pumping system from a single source.

Quantity of units sold	2 pieces
Pump type	E125-H03R + EEXW4
Motor data	13.2 kW / 1'500 rpm
Material combination	Cast iron pump body, Hidrohard wear parts and stainless-steel impeller
Duty point	Flow : 60 litres per second / Head : 10 meter
In operation since	from June to October 2021 (rental period)