

## Pumping Station Jasna

Application market	Wastewater
Market segment	Wastewater Collection Wastewater Treatment
Pumped medium	Raw, unscreened wastewater
Pump product	Immersible
Country	Poland



### Challenge

A major modernization of the pumping station in Plock, with the city's most important raw sewage pumps was planned. Wastewater from all over the city flows into this pumping station, from where it is pumped directly to Maszewo's wastewater treatment plant. Pumping the raw, untreated wastewater with a high fiber and solids content, with as little maintenance as possible was one of the main requirements of the customer.

### Solution

Installation of five non-clogging Hidrostał Immersible Screw Centrifugal pumps with large free passage. The pumps are installed vertically on suction stand in the dry pump chamber. In addition, the pump chamber was equipped with a smaller Hidrostał drainage pumps.

### Benefits

The main requirements of the customer could be fulfilled satisfactorily: Ensuring reliable, non-clogging and as maintenance-free operation as possible.

→ Trouble-free, non-clogging pump operation

Quantity of units sold	5
Pump type	H08K-H03R + HENT4-XBEK1
Motor data	90 kW / 1485 rpm / 50 Hz Immersible
Material combination	Stainless steel impeller with Hidrohard wear parts
Duty point	Flow : 300 litres per second / Head : 22 meters
In operation since	2011