

Pumping Station Aalborg

Application market	Wastewater
Market segment	Wastewater Collection
Pumped medium	Raw, unscreened wastewater and rainwater
Pump product	Bearing Frame
Country	Denmark



Challenge

Revision of an existing pumping station in the city of Aalborg.

Solution

Installation of totally three Screw Centrifugal Bearing Frame pumps. One pump is designed to handle the basic load, the other two pumps to cover the higher load in rainy weather. Together with the pumps, the entire piping system was included in the scope of delivery.

Benefits

With the use of the non-clogging Screw Centrifugal pumps with large free passage, the customer's requirements could be fulfilled satisfactorily.

Quantity of units sold	2 + 1
Pump type	F10K-MD3R + FFM1X-G280 (2x) D100-E03R + DDM1X-G132 (1x)
Motor data	22 kW / 1500 rpm 5.5 kW / 1500 rpm
Material combination	Stainless steel impeller and Hidrohard wear parts
Duty point	Flow : 145 litres per second / Head : 11 meters Flow : 46 litres per second / Head : 6 meters
In operation since	2009