

[Home](#) ■ [HUBER Report](#) ■ [When big ROTAMAT® Ro5 machines find their place](#)

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2 HUBER Complete Plant ROTAMAT® Ro5 units for 100 l/s on STP Niebüll in Northern Germany

Those who know the regions up in the north will know where the town Niebüll is located: It is a holiday destination in the northernmost part of Germany at the North Sea from where also the motorail train crosses the Hindenburg Dam to the village Westerland on the island of Sylt.

These special circumstances naturally played a major role for the engineering office Ivers in Husum when planning the preliminary wastewater treatment stage on STP Niebüll. It had to be taken into account that the population equivalent is varying greatly. On public holidays and during holiday seasons, it can happen that the wastewater volumes suddenly increase tremendously and then fall to a normal level again.

This situation had to be considered when planning the project. There was a lively exchange previously with the plant manager Daninel Johannsen and his crew and with Mr. Pieper from the engineering office Ivers, bringing in the experience from the project STP Zingst, a sewage treatment plant in a holiday destination at the Baltic Sea that has been working successfully under similar conditions for many years.

Especially the installation of the HUBER Complete Plant ROTAMAT® Ro5 units is an important moment in the execution of the project. Such plants are normally lifted into the tiled building and moved through the gate with a 50t crane by the forwarder. Heavy-duty rollers are used to move the plants to their place inside the building.





Our customer GAA Mölln who had the delivery and installation of the machines in their order has been supported by us in this work with help and advice. The load had to be distributed onto several pairs of supporting feet.

In June 2016, the factory acceptance test took place at Berching. This was a good opportunity for the customer to look into sections of the machine that would not be visible later because they will be covered with wastewater and they did not miss this chance.

At the end of September 2016, the two HUBER Complete Plant ROTAMAT® Ro5 units and the HUBER Grit Washer RoSF4 were put into operation. In cooperation with the team of operating staff on site the setting parameters for the machines have meanwhile been adjusted to the operating situation on site – an important aspect for the operational reliability of the plant. This requires the extensive experience we have gathered over many years with similar projects.

We hope the plant operators on STP Niebüll will be happy with their new machines and enjoy working with our products!





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